The
CHEMIST AND DRUGGIST
or RETAILER — WHOLESALER — MANUFACTURER

MAY 6, 1950

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The

CHEMIST AND DRUGGIST

for RETAILER—WHOLESALER—MANUFACTURER

MAY 6, 1950

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NEWS OF THE WEEK

ncrease in Freight Charges. — The nister of Transport on April 28 sanc- ned an increase in railway and canal ght charges by 16⅔ per cent. from y 15.

Cut in Dentists' Pay.—The remunera- n of dentists under the National Health vice is to be cut by 10 per cent.; the applies to cases where the patient was epted for treatment after May 1.

N.H.S. Spectacles. — The range of nes for spectacles which may be sup- d free under the National Health Ser- has been reduced to four varieties. ments for other frames in the contribu- range vary from 2s. to 12s. 3d.

Hours of Service Deputies. — The nister of Health has agreed with the tral National Health Service (Contrac-) Committee that an equivalent num- of persons should be appointed to act deputies to the principal members of urs of Service Committees (Pharmaceu- l Services).

ranch Representatives' Meeting.—The nda for the meeting of the Branch Re- presentatives of the Pharmaceutical Society on May 18 will include a report of the Council on business transacted at the meeting a year ago, and consideration of the motions and amendments submitted by Branches (for texts see *C. & D.*, February 18, p. 217).

Progress on International Pharmacopœia.—A committee of the World Health Organisation announced in New York on May 1 the completion of the English version of the first International Pharmacopœia. The book will not be issued until the French text is completed later in the year. A Spanish translation will follow.

U.S. Tariff Discussions. — Pharmaceutical and fine chemicals, drugs, medicinal products, perfumery and flavouring materials, etc., are among the long list of items which, according to the U.S. State Department, are to be discussed at tariff talks to be held in Torquay in September. The United Kingdom and sixteen other countries are to take part in the negotiations.

Key Industry Duty Exemptions.—The following articles are exempted from Key

Industry Duty for the period April 22 to June 30:—β-aminopropionic acid; ethyl sulphate (an ethyl ester); potassium guaiacolsulphonate; sodium fluorosilicate; sorbitol (R); and synthetic sorbitol. The Order is S.I., 1950, No. 628.

Import Licensing Relaxations. — With effect from May 2, further additions and amendments have been made to the list of goods on open general licence. From that date all natural essential oils, all floral concretes and absolutes, and gum labdanum (*Group* 3) may be freely imported from the usual "permitted" countries to which the trade liberalisation policy is applied.

Action Deferred on Payments Motion.—A meeting of the Management Committee of the Executive Councils Association (England) on March 31 deferred consideration of the resolution submitted by the Lancashire Executive Council on delay in payments to chemists (see *C. & D.*, March 11, p. 295). The Association understood that the Joint Pricing Committee had under consideration new schemes "of a revolutionary character with the object of bringing pricing up to date." [A member of the Committee who was approached disclaimed knowledge of any such scheme.—EDITOR.]

Aureomycin and Chloromycetin.—On the advice of the Medical Research Council the Ministry of Health has decided to extend the distribution of aureomycin and Chloromycetin for the treatment (in hospital only) of the following additional conditions:—Aureomycin: Severe staphylococcal infections which have proved resistant to penicillin in adequate doses. Chloromycetin: Acute laryngotracheo bronchitis in infants. For other conditions in which these antibiotics may be used see *C. & D.*, 1949. II. p. 684.

Women Pharmacists' Annual Meeting.—At the annual meeting of the National Association of Women Pharmacists held in London on April 19, the president (Miss E. F. Hayward) welcomed members from the Manchester and Merseyside Branches, who were among those present. She gave a brief address on the three "knows" to which women in pharmacy should pay attention. The first was to know facts, as it was essential to keep up-to-date on modern trends in pharmacy; the second, to know people—they should make more contacts with their colleagues, she said, especially in fields other than their own; and the third to know the world. More opportunities existed today for working abroad, and they provided valuable experience. Fo those who had ties in this country ther were many varieties of pharmaceutica work within the British Isles, and it migh be possible to obtain experience of mor than one of them. The president's addre was followed by adoption of the annua report and election of committee.

National Chamber Supports Pric Maintenance.—The annual conference c the National Chamber of Trade at Llan dudno on April 25 was addressed on th subject of resale price maintenance by M H. E. Chapman (secretary, Proprietar Articles Trade Association, and chairma Fair Prices Defence Committee). The re commendations of the Lloyd-Jacob Con mittee on resale price maintenance, l said, appeared quite illogical and contrar to the weight of evidence represented i that report. They amounted to recognitic of the individual and abolition of the co lective price maintenance system, whic were incompatible theories. Following th address, a resolution expressing approval the system of collective price maintenan as a counter measure to price-cutting goods bearing brand names was moved b Mr. G. Scott, Newcastle-on-Tyne. Mr. Gordon Lock, M.P.S., Grimsby, speakir in support, said the collective system, represented by the P.A.T.A., had been the greatest value to distributors and co sumers of proprietary goods. The resol tion was carried by an overwhelmir majority and forwarded to the Preside of the Board of Trade.

LOCAL NEWS

Chemists' Shops Raided.—The pha macy of Mr. R. J. Broomfield, Bellegro Road, Welling, Kent, was broken into b thieves recently, and cameras, perfum and cash were stolen to the value of £6 —Four cameras were stolen recently fro R. J. Lines, Ltd., Hunstanton, Norfol after a brick had been thrown through th window.

"No Action" Over a Prescrib Cream. — The West Suffolk Executi Council on April 14 decided to take n action in a case where a proprieta cream, carrying 100 per cent. purcha tax, had been prescribed by a doctor. Th bureau referred the prescription to th Council as being a toilet preparation an not a drug.

Harrogate Branch Lecture. — An i sight into the activities of an analytic

emist was given by Mr. R. W. Gilham, n.C., at a meeting of the Harrogate anch of the Pharmaceutical Society re- ntly. Some unexpected results were occa- nally obtained on analysis, as, for ex- nple, in mist. aspirin; the chloroform uld hydrolyse and combine with the so- um hydroxide reagent, giving a high lumetric reading.

Merseyside Women Pharmacists. — A w venture was tried at the meeting of e Merseyside Branch of the National sociation of Women Pharmacists on pril 17 when six members gave ten- nute lectures. The subjects were "Small ings in Disease," "The Pharmaceutical nference 1949," "The Isles of Scilly," An Inquest," "Mummification in Ancient gypt," and "Connemara." These proved such interest that it was decided to re- at the experiment later.

Greenock Presentation.—At a meeting the Greenock Pharmaceutical Associa- n recently a standard lamp and cheque re presented to Mr. T. Lowrie Sinclair Mr. A. S. Russell on behalf of the sociation. Mr. Russell referred to the stinted service which Mr. Sinclair had ndered to them in the past as secretary the Association and of the Pharmaceu- al Committee, which offices he was now linquishing. Mr. Sinclair replied, thank- g all for their tokens of esteem.

Talk on Tuberculosis. — The fight ainst tuberculosis was the subject of a ture to the Eastbourne Branch of the armaceutical Society recently by Dr. R. Boyes (Allen & Hanburys, Ltd.). . Boyes gave facts and figures about the ease in Britain and discussed the special es of streptomycin and p-aminosalicylic id. Apart from rendering p.a.s. tablets latable, there was no advantage in kera- n-coating them, he told a questioner dur- g the subsequent discussion. Mr. R. R. nnett proposed and Mr. R. Gordon conded a vote of thanks.

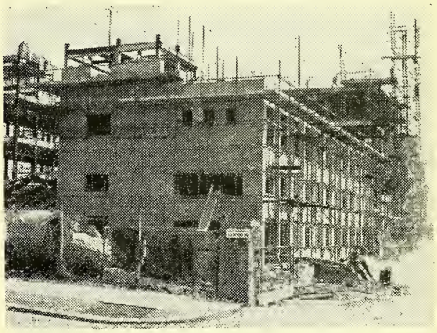
Bradford Sends Protest Wires.—Brad- rd Pharmaceutical Committee called an ergency meeting of contractors and em- oyees on April 27 to discuss the Minis- of Health's cut in oncost allowance. r. B. C. Thorpe, who presided, spoke rongly against the Minister's "violation the terms of Service contracts." On the otion of Mr. E. Robinson it was agreed send the following telegrams:—

(1) To Members of Parliament in West Riding as: Latest pharmaceutical cuts serious imposi- n. Please vigorously protest on behalf of Brad- rd pharmacists.

(2) To all secretaries of Pharmaceutical Committees: Organised resistance to latest cuts necessary. Recommend emergency meeting. Wire results to N.P.U.

(3) To the National Pharmaceutical Union: That this meeting of Bradford and district contractors and pharmacists recommend urgent national opposition to latest cuts in Service terms.

Members' Night at Harrow. — The Harrow Branch of the Pharmaceutical Society held a members' night on April 27, when Mr. R. Goode spoke on his hobby, "Egyptian Antiquities," and Mr. H. W. Tomski on "America Bound." Mr. Goode sketched the various Egyptian dynasties and showed part of his personal collection of ancient Egyptian pottery, tools, etc. Mr. Tomski said he found that the dollar purchased about the same as 3s. did in this country. Based on that figure, prescriptions averaged 4s. 6d. each, almost all being specialities. So far as possible the chemists obtained from the wholesaler any item that had to be made extemporaneously. The salaries of hospital pharmacists tended to be less than those in the retail, though they had improved recently, and men and women received equal pay. Mr. F. W. Adams (a secretary and registrar, Pharmaceutical Society and a member of the Branch), proposed a vote of thanks to the speakers, which Mr. J. D. Brazier seconded.



EXTENSIONS AT GREENFORD.—Work on large-scale extensions to the research and development division and pharmaceutical block at Glaxo Laboratories, Ltd., Greenford, is expected to be completed by the middle of the year. The research and development division extensions will increase the available space by more than 5,000 sq. ft. and the research division will house all chemical research units, including some which up to now have had to be accommodated elsewhere. The new pharmaceutical block (shown in process of construction above) will provide approximately 60,000 sq. ft. of additional space.

IRISH NEWS

Northern Ireland Health Services.—At a meeting of the Northern Ireland General Health Services Board on April 26, it was recommended that supplies of posters similar to those issued in Great Britain to promote the return of empty medicine bottles should be distributed to Northern Ireland chemists, and that the British Broadcasting Corporation and Women's Voluntary Services should be requested to assist. It was also decided to advertise further in the Press. The secretary said that the response for the return of empty bottles had been poor. Reference was made to the packing of tablets in paper bags, and the secretary said that if members heard of any cases they could bring the matter before the Services Committee. Reference was made to a complaint by a person who had not appeared before the Committee to substantiate it, thereby causing several members much inconvenience, and it was announced that in future a note would be sent to complainants asking them if they were prepared to appear before a committee to substantiate their complaint.

Chemists' and Druggists' Society of Ireland.—At the annual meeting of the Chemists' and Druggists' Society of Ireland, held recently in Belfast, the president (Mr. Fred Storey, C.B.E.) in the chair, the annual report and financial statement were submitted by Mr. H. McQuitty (secretary). Moving adoption of the reports, Mr. Storey said that the National Health Services had caused practically all dispensing to be placed in the hands of pharmaceutical chemists, and reports showed a great drop in the sale of proprietary articles. It was noted with concern that mention had been made in the King's Speech regarding legislation dealing with pharmaceutical services. Prices of many chemicals, drugs and surgical dressings had risen considerably owing to the devaluation of the pound. Many complaints had been made about the serious delay in the delivery of cross-Channel goods and the collection of empties, and the trade organisations concerned had taken up the matter with the shipping companies. Mr. Hannawin seconded adoption of the reports, which were passed. The Haslett Memorial medal was awarded to Mr. Maurice F. Dougan, 72 O'Connell Street, Clonmel, co. Tipperary. On the motion of Mr. J. Irwin, seconded by Mr. J. Andrews, Mr. Storey was unanimously re-elected *President* (for the thirty-first year in succession), and Mr. Storey thanked the members for their renew confidence. The other officers and co mittee were re-elected. Mr. Storey elected representative to the Belfast Ch ber of Commerce, and Messrs. H. Johns and E. Richey were elected to the Be volent Fund Committee. It was agreed have the annual excursion to Warrenpo and Rostrevor in June.

WEST-OF-IRELAND CHEMIS

A MEETING of the West of Ireland Ch ists' Association was held at Boyle, Roscommon, on April 23, Mr. R. S. gariff, Tuam, in the chair. From Dul there were present Messrs. T. C. S (president of the Pharmaceutical Soc of Ireland), P. A. Brady (immediate p president), David Woulffe (president, I Drug Association), G. C. O'Neill (v president), and Brendan Smith (secreta

Members who have been deputed carry out local organising work repo on the results of their work since the vious meeting. An improvement in wo ing hours in some towns was reported. tention was drawn to what was regarde an objectionable trend in the style of vertising by certain manufacturers of to preparations. It was decided that ch ists should register their objections i vidually or through the firms' represe tives. The I.D.A. was urged to press the discontinuance of the policy adop by other manufacturers of featuring their local advertising the names of lo chemists who placed quantity orders. A discussions on the Poor Law dispens system, particularly as it affected ph macy, it was agreed that the Soci should formulate proposals for needed forms to the Department of Health. difficulty many chemists experienced in curing sufficient supplies of medicine b tles was mentioned, and complaints w made that even the bottles available w not up to the standard of those suppl to pharmacists in Britain. The I.D was requested to take up the matter w the Department of Industry and Co merce in Dublin. MESSRS. SCOTT a BRADY addressed the meeting on the w of the Society's Council, especially in lation to the proposed new educat scheme, and MESSRS. WOULFFE a O'NEILL on the work of the I.D.A. Co mittee and its immediate problems. was agreed to hold the next half-yea meeting of the West of Ireland Asso tion at Bundoran on October 1.

TOPICAL REFLECTIONS

A.B.P.I. Annual Function

The annual meeting and dinner of the Association of British Pharmaceutical Industry (pp. 530-32) brought encouraging reports and speeches. During the past year an amalgamation between the Association and the Pharmaceutical Export Group has been carried out; the change is, as Mr. Linstead remarked, of benefit both to the pharmaceutical industry and to the country. The president of the Association (Mr. R. L. Taylor) referred to the "heavy task" performed by the industry during the past year, and pointed out that this task was not made lighter by differences between Government departments. He emphasised the need to export goods bearing names of world-wide repute, "for people abroad wanted the names they knew and not some dreary N.F. number." One may go a step further and hold that the name of a reputable manufacturer is a potent factor in deciding a customer's choice in this country. Are not most of us influenced, when buying a hat, a pair of shoes or a household appliance, by names recommended to us either personally or by repeated advertisement? At the annual meeting of the Association it was reported that the Ministry of Health had been approached on the subject of hospital forms of tender containing conditions regarded as either unnecessary or unreasonable. This difficulty can and should be abolished by reversing the tendency in some quarters to demand more and more details about every subject that can be dealt with on a form.

Sweated Service

By this time every practising pharmacist knows, I suppose, that the oncost allowance for N.H.S. drugs and appliances has been reduced from 33 per cent. to 16 per cent. Your editorial article on p. 535 has dealt severely—and justly—with the latest cut made by the Minister of Health. If a new Thomas Hood arose to write a new "Song of the Shirt," he could find sufficient material in the "economies" now being practised in administering the National Health Service Act. From the point of view of the average Whitehall mind, with its passion for an old-maidish thriftiness, nothing can be simpler than to save money by paying less for value received. This fresh example of cheeseparing, following so soon after the reduction in the container allowance, makes one wonder what the next blow will be. The bitterness caused by a despotic act is increased by the fact that the Ministry owes a substantial sum for dispensing not yet paid for in full. Those who, before the Act came into force, warned their colleagues against expecting too much from it are now seen to have been fully justified in their caution. Whatever may be agreed upon by a Whitley Council or as the result of arbitration, this episode has shaken the confidence of contracting chemists in the policy of the Ministry. The "gestures of goodwill" cited on p. 535 have, in the light of subsequent events, an ironical aspect. "Timeo Danaos et dona ferentes."

F.B.I. Presidential Address

By a coincidence the Federation of British Industries held its annual meeting (p. 547) on the same day as the Association of British Pharmaceutical Industry, and, like the Association, had an amalgamation to report. Collaboration between the Federation and the British Export Trade Research Organisation (B.E.T.R.O.) will, as was pointed out, not only eliminate overlapping but will also be a move towards improving "the constructive help available to British exporters." B.E.T.R.O will henceforth be independent of Government grants, and will be financed by its members and by firms using its services. As on previous occasions, the speech of the president (Sir Robert Sinclair, who was re-elected) included several wise observations. His remarks on trade associations were much to the point, and should be borne in mind by many people outside these associations. There had been, he said, too little recognition of the work done for industry by them: research and exchange of technical information were among the examples given. Another function, Sir Robert added, was "to ensure that any arrangements for price maintenance or control were designed to promote and not restrict efficiency." In another part of his speech the president referred to the place of team-work and that of individual efforts in promoting export trade. While many "productivity teams" had visited the United States, and others were going there, success in the export drive must largely depend on the efforts of individual firms, while co-operative action should be adopted when exports were impeded by unreasonable tariffs. ***Xrayser***

COMPANY NEWS

ALBRIGHT & WILSON, LTD.—Group net profit for 1949, after taxation, etc., amounts to £426,417, compared with £468,195 in the previous year. Ordinary dividend is maintained at 25 per cent. by a final dividend of 15 per cent.

IMPERIAL CHEMICAL INDUSTRIES, LTD.—Group profit for 1949 amounts to £10,826,681, after taxation, compared with £11,897,056 in the previous twelve months. A final dividend is recommended on the ordinary stock of 7 per cent., making with the interim of 3 per cent. a total of 10 per cent., less tax, for 1949, as for the previous twelve months.

EVANS MEDICAL SUPPLIES, LTD.—A second interim dividend of 7 per cent., less tax, has been declared, making a total distribution of 10 per cent. for the year ended December 31, 1949, the same as in the previous year. The second interim dividend has been declared to avoid two official quotations for the company's new and old ordinary stock. At an extraordinary general meeting held on April 24 a resolution was passed converting the new ordinary shares into ordinary stock.

LEGAL REPORT

Contract Breach Decision.—An alleged breach of contract to deliver five tons Mexican candelilla wax was the subject of an action in the King's Bench Division, London, on April 25. The plaintiffs, Chas. H. Windschuegl, Ltd., merchants, Leadenhall Street, London, E.C.2, claimed that in August 1949 they contracted to buy from the defendants, Alexander Pickering & Co., Ltd., 5 tons of the wax at £275 per ton, c.i.f. London, September-October delivery. Defendants failed to deliver. An offer of 2 tons of wax, for which defendants obtained an import licence, at £425 per ton, was made but refused. Ultimately plaintiffs had to buy elsewhere, and they now claimed £553 12s. 10d., the difference in the contract price and the price they had to pay. Defendants contended that there was no binding contract in August, but merely an agreement to contract if an import licence could be obtained. As the suggested transaction was for "five tons or nothing," defendants considered they were at liberty to treat the two tons for which they obtained the licence as on a different footing. The judge said that defendants' representative honestly felt that in August 194 there was no binding agreement, and tha he had not committed himself, either i law or as a matter of ordinary busines morality, to any contract. But defendant were under an obligation to use their bes endeavours to obtain an import licence and there was nothing to show that, ha an application been made for an impor licence for three further tons for Octobe shipment it would not have been granted for the position was then easier. He hel that plaintiffs had succeeded and he gav judgment in their favour for the amoun claimed, with costs.

BUSINESS CHANGES

M. BEETHAM & SON, Cheltenham, hav opened a London office at 49 Leadenha Street, E.C.3 (Telephone: Royal 7901).

SIDNICK & CO., LTD., have removed t 52 Ormside Street, London, S.E.15 (Tele phone: New Cross 5222).

MR. W. MORGAN DAVIES, M.P.S., ha acquired the business of Kingsley & Co Ltd., 50 Queens Road, Brighton.

MR. T. F. REES, M.P.S., has acquire the pharmacy at Camberley House, Comb Martin, North Devon, formerly owned b Mr. E. H. Dutton.

THE Technical Information Document unit, of the Board of Trade, remove to Lacon House, Theobalds Road, Londor W.C.1 (telephone: Chancery 4411), o May 1.

BOOTS, LTD., Nottingham, have appoir ted Mr. W. H. Bellsmith, M.P.S., as assi tant proprietaries buyer.

H. W. CARTER & CO., LTD., Coleforc Glos, have appointed Mr. D. V. Cantwe sales controller, and Mr. D. C. Emble becomes advertising and publicity manage (a new post) in the late summer.

THE CROOKES LABORATORIES, LTD., Par Royal, London, N.W.10, have appointe Mr. R. Scott Miller, M.P.S., their repre sentative in Scotland, and Mr. T. W. Mor gan, M.P.S., in North Wales, South Ches hire and Staffs.

DALMAS, LTD., is the abbreviated titl adopted by A. de St. Dalmas & Co., Ltd Dalma Works, Junior Street, Leicester The old name will appear on existing stock and printed material until they ar exhausted.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

DURING the Budget debate on April 24, MR. OLIVER STANLEY asked whether it was a fact that under the wording of the Resolution referring to petrol, industrial benzol was for the first time to be brought within the purview of the tax? If so, it was a serious departure. Industrial benzol was now being used in the manufacture of phenol, and plants costing millions had been set up by the chemical industry to deal with its production.

No reply was given.

Chemistry Teaching Accommodation

MR. J. M. C. HIGGS asked the Chancellor of the Exchequer on April 25 if he was aware that, although there were many openings for industrial chemists in this country, and although the applications for places in chemistry schools in universities greatly exceeded those available, there was still great delay in providing the necessary facilities for the provision of the laboratories and accommodation necessary for those students, and whether he was satisfied that sufficient funds were available to the University Grants Committee in this connection.

SIR STAFFORD CRIPPS said that the number of students taking honours courses in chemistry had doubled since the war, and new laboratories were under construction or planned for erection in the near future at a number of universities. He was satisfied that claims of the scientific departments were receiving due consideration.

Hearing-aid Batteries

MR. ANEURIN BEVAN told MR. F. J. PARROL on April 26 that the present demand for replacement batteries for Medresco hearing aids was 166,000 a month. This was about two-thirds of the original estimate based on people using the aids for about 15 hours daily. Every patient who received the aid was asked to return it if he stopped using it. Hospitals followed-up patients who stopped using batteries.

Chemists' Remuneration

MR. W. F. DEEDES asked the Minister of Health on April 27 whether he would make a statement on the new arrangements for the remuneration of chemists, on what date these new arrangements would come into force, and what notice had been given of the proposed changes.

MR. ANEURIN BEVAN: The amount of the overhead oncost, added to the price of drugs and certain appliances, is being reduced from 33 per cent. to 16 per cent. from May 1, but if a different percentage is agreed by the Whitley Council, or is awarded by an arbitrator, that different percentage will be substituted as from May 1. The proposal to reduce the oncost was submitted to the Whitley Council on March 18, the contractors committee was consulted on April 14 about the date from which reduction should take effect.

Night Pharmaceutical Service

MR. E. A. HARDY asked the Minister of Health whether he had considered a request received from the Salford Executive Council for permission to establish an all-night chemist service for patients who were attended by their doctor late in the evenings when chemists were closed; and what were his intentions in regard to the matter. MR. BEVAN said he was unable to approve it as a charge on Exchequer funds. The appropriate regulations already provided for the supply of drugs in an emergency.

Aureomycin in Animal Husbandry

MR. R. DE LA BERE asked the Minister of Agriculture on April 27 whether he would take steps to test the claims made by leading industrial chemists that a small quantity of aureomycin, when mixed with a ton of animal feed, produced a 50 per cent. speed-up in the growth of farm stock, and, so far as warranted, he would make supplies available to livestock rearers throughout the country. (See also p. 584.)

MR. T. WILLIAMS said that the questioner no doubt had in mind the addition of vitamin B_{12}, in residues of aureomycin and streptomycin, to animal diets deficient in animal protein. Such deficient diets led to a retarded growth rate in non-ruminant animals, and the addition of the vitamin in that way appeared to enable the growth rate to return to that normally obtained from feeding-stuffs containing animal protein. The matter was under investigation, more particularly at the National Institute for Research in Dairying. The results would be made known as soon as they had proved of value to the agricultural community.

BIRTH

McLennan.—At South Derran, Woodend, Cardenden, Fifes, on April 23. Margaret (née Wilson), the wife of Charles P. McLennan, M.P.S., The Pharmacy, Bowhill, Cardenden, of a daughter.

DEATHS

Borland.—At a nursing home at Prestwick, Ayrs, on March 31, Mrs. Isabella Thom Borland, wife of the late John Borland (Rankin & Borland, chemists), Kilmarnock.

Brown.—At 137 Woodstock Avenue, Glasgow, S.1, on March 20, Mrs. Elizabeth Rae Brown, wife of Mr. Alexander H. Brown, M.P.S.

Davidson. — Recently, Mr. Alexander Linton Davidson, Ph.C., Food and Drug Laboratories, 35 John Street, Ottawa, Canada. Mr. Davidson qualified as a chemist and druggist in 1910 and passed the Pharmaceutical Chemist examination in 1911.

Kesterton.—On April 14, Mr. Walter Kesterton, 22 Chatsworth Avenue, Wallasey, aged seventy-eight. Mr. Kesterton qualified as a chemist and druggist in 1898 and retired in 1946.

Milligan. — At his home, Hillcroft, Haltwhistle, Northumberland, on April 9, Mr. William Robert Milligan, M.P.S., aged seventy-five. Mr. Milligan qualified in 1899. He had been ill since July 1949.

Pearson. — On March 22, Mr. James Mills Pearson, M.P.S., chemist and druggist, 63 Lupus Street, London, S.W.1. Mr. Pearson qualified in 1907.

Shacklock.—On April 2, Mr. Joshua Henry Shacklock, M.P.S., 29 Epperstone Road, West Bridgford, Nottingham, aged eighty-one. Mr. Shacklock qualified in 1892.

Totten.—On April 5, Mr. John Angell James Totten, M.P.S., 31 Beresford Avenue, Tolworth, Surrey, aged ninety. Mr. Totten qualified in 1901 and subsequently opened three businesses, retiring at the age of sixty-five. In 1941 he resumed work for two years and from 1943 to 1949 acted as locum tenens for many pharmacists in Surrey.

Wheeler. — On March 4, Mr. Ernest John Wheeler, M.P.S., 89 Dawes Road, London, S.W.6. Mr. Wheeler qualified in 1896.

PERSONALITIES

Mr. G. Checkley (chairman of t Eastbourne Branch of the Pharmaceutic Society) has been elected vice-chairman the local Executive Council.

Miss E. M. Jenkins, M.P.S., the new elected chairman of the Dundee and Ea and Central Scottish Branch of the Pharmaceutical Society, has been in business at Strathmartine Road, Dundee, for twenty-five years. Five years ago she acquired another business in Perth Road. Apprenticed with Davidson & Gray, Ltd., Dundee, she qualified in 1925 after studying at Dundee Technical College. For the past tw years, Miss Jenkins has served as Bran vice-chairman.

Mr. H. B. Coulson, M.P.S., the ne chairman of the Executive of the Nation Pharmaceutical Union, has been an Executive member since 1944, and was secretary of the Cambridge Branch 1944-49. Member of an old Cambridge family, he was apprenticed at the pharmacy of his father (the late Mr. Horace Coulson), Bridge Street, Cambridge, qualified in pharmacy from the Westminster College of Pharmacy in July 192 and in optics (F.S.M.C.) in 1930. He ha experience in Chesham, Bucks, and manager in Plaistow, London, and Hinc ley, Leics, and returned to Cambridge 1937 on his father's death. In 1942 became secretary of the local Branch the Pharmaceutical Society, relinquishi the secretaryship in June 1949.

Mr. A. T. Wheeler (chairman, Wheel & Husking, Ltd.), 26 Great Tower Stree London, E.C.3, is now on a short visit New York.

NATIONAL PHARMACEUTICAL UNION

'HE April meetings of the N.P.U. Executive held in London on April 26, opened nder the chairmanship of Mr. G. H. M. raham, who extended a welcome to Messrs. Aldington, Dixon, Rees and Spaanerman, all of them newly elected members. hey were joining the Executive body, he id, at a time when many problems of ajor importance were under consideraon. MR. SPAANDERMAN, on behalf of his olleagues, promised full support. Presentaons were made on behalf of the Union Miss Bassett and Miss Narroway, each whom had had an unbroken period of rvice with the Union of upwards of enty-five years.

lection of Officers

The following appointments were made the unanimous vote of the Executives:—

hairman: Mr. H. B. Coulson, Cambridge;

ice-chairman: Mr. P. Varley, Blackpool;

eputy Treasurer: Mr. S. J. Stearn, Ipsch. [Mr. A. R. Melhuish was appointed easurer but has since died—see p. 564.]

embers stood in silence as a mark of mpathy with Mr. G. A. Mallinson in his cent family bereavment.

cretary's Report

THE SECRETARY reported that the reason Board of Trade had discontinued the ntrol on perfumery preparations from ay 1 was that items in that class had cently been reduced, and it was held that er supplies would be likely to keep prices ady. Consequent on the addition of enadoxone (Heptalgin) to the schedule Dangerous Drugs, a section for the D.A. file had been prepared and was ailable for distribution at 1s. 6d. per py.

Draft British Standard specifications for armacists' dispensing measures and for armacists' graduated pipettes were exined. A set of graduated pipettes in cordance with specification requirements s available for inspection through the urtesy of a manufacturer; they met with neral approval. Corresponding specimens graduated measures were not available. ncern was expressed at the fact that the erances allowable under the new speciation for graduated measures were conerably wider than those at present laid wn for apothecaries' measures in the eights and Measures Regulations. It was nted out that the proposed tolerances were comparable with those in existing British Standards and with the National Physical Laboratory tolerances, and it was agreed that, since the tolerances proposed were the smallest with which it is possible to work in manufacturing the measures, they should be accepted. Note was taken of the significance of the proposed tolerance limits in relation to the tolerance limits applied in assessing the results of analyses carried out under the N.H.S. scheme for the testing of drugs and appliances.

The Oncost Cut

The report of the Central N.H.S. (Chemist Contractors Committee) dealt, among other things, with the proceedings at an emergency meeting on April 18, at which Counsel's opinion on the legality of the intended decision of the Minister of Health to impose an absolute cut in oncost at May 1 had been reported and action authorised. It was also reported that, at a meeting of the management and staff sides of the Pharmaceutical Whitley Council on the same date, the management side had been asked to substantiate with facts the assumptions on which, in large measure, the official case for a reduction in oncost rested. The Ministry had undertaken to put certain up-to-date pricing work in hand, and it was agreed that, until the factual information so secured had been submitted by the Ministry, the date for a Conference of Pharmaceutical Committee Representatives should be left open. The Executive authorised action in preparation for the negotiations within the Whitley Council after a Conference had been held. The Executive expressed its concern that information on the impending oncost charge should have appeared in the Press on April 22, before contractors had had direct notification, and it was explained that that was due to a Post Office error.

A Side-effect of N.H.S.—"I got a kick out of telling her ladyship to take her cards somewhere else," said the country G.P., comparing notes with his colleagues at the B.M.A. Conference. "She said: 'Doctor, if I give you my patronage under the National Health Service, I shall, of course, expect you to continue your regular calls. I shall not come to your surgery.' She was livid when I told her it could not be done at eighteen bob a nob."—*Lancet.*

TRADE NOTES

Error in Advertisement.—Cuxson, Gerrard & Co., Ltd., Oldbury, Birmingham, point out that the trade price per dozen of Altex sanitary towels is 16s. 9d., and not as stated in a recent announcement by the company.

Trade Shows.—Thomas Kerfoot & Co., Ltd., Vale of Bardsley, Ashton-under-Lyne, Lancs. are staging exhibitions of their products as follows:—STOKE-ON-TRENT (North Stafford Hotel), May 8-12; GLASGOW (George Hotel Buchanan Street), June 5-9.

Notes on Stocktaking.—A 12-p. booklet "Stock-taking by Experts," issued by M. H. Barnes, chemists' valuer, 4 Charlwood Street, London, S.W.1, puts forward cogent reasons for employing specialists in that task. A copy of the booklet will be sent to any chemist on request.

Toilet Sponges.—Attention is drawn on another page to the Enka toilet sponge made of viscose. Wholesalers are invited to send to the sole agents in Great Britain: (a director), will be in the United Kingston-on-Thames Surrey, for details of sales terms or to request a representative to call.

B.I.F. Air Service.—Air Enterprises Ltd., Croydon Airport Surrey, are running daily services by air May 8-19, from Croydon and Hendon aerodromes to Castle Bromwich, Birmingham, for the convenience of visitors to the British Industries Fair. Details may be obtained from travel agents or direct.

Obstetrical Lubricant.—Southon Laboratories, Ltd., 88 Upper Richmond Road, London, S.W.15, are the manufacturers of U.F.I. obstetrical lubricant, which is readily removed from the hands and from rubber gloves by the use of cold water alone, and provides a non-irritant lubricant for catheters and surgical instruments. The product is available in 2-oz. and 12-oz. pots.

Now on Poisons Schedule.—Parke, Davis & Co., Staines Road, Hounslow, Middlesex, remind chemists that the following products of the company became subject to Schedule 1 and Schedule 4 of the Poisons Rules on May 1:—Benadryl capsules and elixir; Benadryl parenteral; Benadryl Emplets (newly introduced); and Benylin expectorant. (Benadryl cream for external application is not affected).

On Visit to U.K.—For approximate two months from April 25, Sir Robe Menzies, O.B.E., C.A. (chairman of t board of directors of Smith, Stanistreet Co., Ltd., 18 Convent Road, Entally, Ca cutta, 14, India), and Mr. H. N. Nicho Macwill & Co., Ltd., 7 West Road, Kin dom on a visit on behalf of the compan Interested persons should write to M Nicholls, c/o the British India Corpor tion, Ltd., 1 Devonshire Square, Bisho gate, London, E.C.2.

Package Changes.—M. BEETHAM SON, Cheltenham, are now issuing Laro (for the face and hands) in a new a modern pack—a green-capped flat bott enclosed in a robust and colourful carton.—KITTYBREWSTER (PAPER), LTD., Aberdee have redesigned the wrappers of the toilet tissues issued under the followi brand names:—Silver Silk, Everest, Me O-San, Tartan and Captis. The ne packs are being shown at the British Indu tries Fair, Olympia, May 8-19 (stand N M 36).

Muguet in May.—COTY (ENGLAN LTD., 3 Stafford Place, London, W.1, gi a reminder that in France lilies of t valley are given on May 1 to bring go luck. Echoing that gesture they have d tributed a number of artificial sprays lily of the valley perfumed with the co pany's Muguet des Bois perfume.—PICO LTD., London, W.6, refer in the April-M edition of "Picot News" to the sar French custom, and suggest that chemi should display the company's lily of t valley perfumes during the month.

Price and Product Changes.—Gla Laboratories, Ltd., Greenford, Middlese have added to their range of products 3-c.c. vial of diphtheria prophylact Glaxo (the purified toxoid of C. *diphther* adsorbed on aluminium phosphate, at le 50 Lf units per 1 c.c.), and a pack co taining 100 1-c.c. Cytamen ampoul Since May 1 Heptalgin ampoules and ta lets have been subject to the Dangero Drugs Act regulations. On May 1 al Glucodin was reduced in price and t standard 1-lb. tin replaced by a 1-lb. ca ton; the 3-lb. size has been discontinu New reduced prices for dihydrostreptom cin and streptomycin (the second reducti since streptomycin became available prescription) became effective on May 1

"Family" Shampoo.—A special introductory offer to chemists of Vaseline liquid shampoo is made by the manufacturers, CHESEBROUGH MANUFACTURING CO., LTD., Victoria Road, Willesden, London, N.W.10; the offer, which applies to the United Kingdom and Northern Ireland only, closes on May 31. The makers claim that the new shampoo is essentially a family shampoo.

Bonus Offers.—A bonus offer of Anzora products is described in an announcement on another page by FASSETT & JOHNSON, LTD., 86 Clerkenwell Road, London, E.C.1. —Details of a display scheme for Lathex shaving sticks and Field-Day brushless shave are given in a leaflet issued by the manufacturers, J. C. & J. FIELD, LTD., 123 The Broadway, Wimbledon, London, S.W.19.—WILLIAM FREEMAN & CO., LTD., Subaseal Works, Peel Street, Barnsley, Yorks, advise chemists to order before May 31 supplies of Suba Seal novelty hot-water bottles in order to qualify for the bonus offer described in a broadsheet available from the company.—C. E. FULFORD, LTD., Carlton Hill, Leeds, 2, offer direct display bonus terms on certain minimum parcels.

At the B.I.F.—Exhibitors at the British Industries Fair, May 8-19, will include, in addition to those mentioned last week, the following:—J. G. INGRAM & SON, LTD., London, E.9 (Stand D17, Olympia) (enemas, including the Perfex seamless; new type hot-water bottles, water-beds, air-cushions, ice-caps, vaccine-caps, corks, bed-sheeting, feeding-bottle teats and valves, etc.). — The METAL BOX CO., LTD., The Langham, Portland Place, London, W.1 (Olympia, Stand D44, Earls Court, Stand V27, Birmingham, Stand A331). At Olympia, metal containers, composites and cartons suitable for chemicals, pharmaceutical products and medicinal preparations (one exhibit will be a "finger-tip" dispenser, a container introduced for packaging and dispensing insecticides, and consisting of a seamless aluminium body with tinplate top double-seamed on to the body; in the centre of the top is a fine nozzle controlled by a valve operated by a slight pressure of the finger). Food containers will be on show at Earls Court. At Birmingham, in the Hardware Section, the latest designs of Worcester ware in aluminium and tinplate will be on show.—The PROGRESS SHAVING BRUSH CO., LTD., Mottram Street, Stockport (Olympia, Stand K1) (shaving brushes). — The STEEL EQUIPMENT CO., LTD. (Birmingham, B607) (steel storage equipment, including adjustable shelving, pilfer-proof clothes locker, tilting barrel stand, etc.).

Press-button Flyspray.—Aerosol flysprays of a kind new to this country are issued by Cooper, McDougall & Robertson, Ltd., Berkhamsted, Herts. In the American market, over 20 million aerosol units were sold during 1949 alone. In the Cooper aerosols, a charge of highly concentrated insecticide is combined with a harmless propellant in a metal container, which is discarded when empty. On pressing a button on top, an extremely fine mist-spray is emitted automatically through a special nozzle, and no pumping, effort, or separate sprayer, is required. The Cooper sprays are nine times more powerful than the best standard "knockdown" flyspray, and are also non-poisonous, non-inflammable, and safe to use or store. Three to five seconds' spraying is enough for a room of 1,000 cu. ft.. To destroy isolated pockets of flying insects, one or two short "bursts" in the vicinity is sufficient. Small and medium sizes are being supplied for household use. A special type of spray is available in large size for farm use.

Proprietary Articles Trade Association

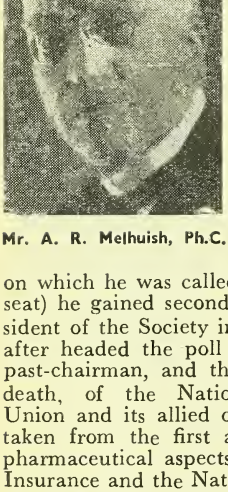
Deletions from Protected List (Part 1).—*The London & Colonial Export Co., Ltd.*, Irvona tonic tablets.

Lucozade, Ltd., Lucozade.

Additions to Protected List (Part 1).—*Pharmaceutical Laboratories Geigy, Ltd.*, Desogen, 4-oz., 54s. doz., tax 33⅓ per cent., inclusive retail price 7s. 6d.; 20-oz., 204s. doz., tax 33⅓ per cent., i.r.p. 28s. 4d. Eurax, 2-oz., 27s. doz., 3s.; 4-oz., 48s. doz., 5s. 4d. (exempt). Irgafen eye ointment, 13s. 6d. doz., 1s. 6d. (exempt).

DEATH OF PHARMACY'S "GRAND OLD MAN

PHARMACY suffers a severe loss in the death, at his home, 28 Pinner Hill Road, Pinner, Middlesex, on April 26 after a short illness of Mr. Andrew Ralph Melhuish, Ph.C., aged eighty. Mr. Melhuish had been a member of the Council of the Pharmaceutical Society since he was co-opted to it in 1919. Although previously (in 1918) he had unsuccessfully contested an election, in 1923 (the first occasion on which he was called upon to defend his seat) he gained second place. He was president of the Society in 1930-32 and thereafter headed the poll at every contest. A past-chairman, and the treasurer until his death, of the National Pharmaceutical Union and its allied organisations, he had taken from the first an active interest in pharmaceutical aspects of National Health Insurance and the National Health Service. He took part in preparing the first Insurance formulary (the London Insurance Formulary), and in 1918 succeeded the late Mr. W. J. U. Woolcock on the London Insurance Committee of which he was later chairman. He had given evidence before the Royal Commission on National Health Insurance, was chairman of the Central N.H.I. and Central N.H.S. (Contractors) Committees and a member of the (later abandoned) Joint Committee on a National Pharmaceutical Service. During the period 1914-16 he was president of the Western (London) Pharmacists' Association.



Mr. A. R. Melhuish, Ph.C.

Conference Chairman

On the academic side Mr. Melhuish was for many years an examiner of the Society, and a member of its Codex Committee. In 1941 he was chairman of the British Pharmaceutical Conference in London. Mr. Melhuish was also a member of the Statutory Committee and had given evidence before the Departmental Committee on Morphine and Heroin Addiction.

Apprenticed with Williams & Peters, London, he later worked in the laboratories of Idris Ltd., under Dr. W. H. Symon He qualified in 1891 and passed the Pha maceutical Chemist examination the san year. Subsequently he served with Squi & Son, Oxford Street, London, for tv years before acquiring, in 1898, the bus ness of E. Burden & Co., Duke Stree London, W.1, which he conducted un his death.

Appreciations

MR. G. A. MALLINSON, M.P.S. (former secretary of the National Pharmaceutic Union), writes: With the passing of M A. R. Melhuish, pharmacy has lost tl finest gentleman that there has ever bee in my opinion in our calling.

I had known him for over thirty yea as a friend and colleague; he was univer ally respected for his integrity an honesty of purpose, which were never que tioned during the whole of his pharm ceutical career. Having spent much of h business life as the proprietor of a pha macy catering for the aristocracy, h might have developed a superior attitu to his less fortunate brethren, but he mad himself the friend and protagonist of th small proprietor, and took a keen intere in the affairs of the N.P.U. His unselfis devotion to public pharmaceutical wor is an outstanding example of that volur tary public service which was more char acteristic of his generation. Without seek ing honours he was elected to and fille with distinction all the highest honorar positions in pharmacy.

He stood out for the best in pharmaceut cal organisation, and fought steadily t improve the calling and its qualification He set an ideal for, and has been the ad miration of two generations of pharmacists he gave the whole of his spare time t pharmaceutical work declaring that it wa the finest possible hobby. It meant muc that would have been regarded by other as a sacrifice of leisure, but he deeme it a pleasure and a privilege to serve hi fellow pharmacists.

An able protagonist, he was quite un able to quarrel—a quality that made hin loved and respected even by those wh opposed him. His passing creates a va cancy in pharmacy which will be difficul to fill, because he was unique in the breadth and depth of his pharmaceutica and public experience. He was a lovable personality and in view of his age had

ome the grand old man of pharmacy. died in harness, which he desired. He e told me he dreaded the time when would feel unable to carry on his life's rk for pharmacy. I have many treaed memories of him, and shall miss him eedingly.

Mr. J. Hearle, M.P.S. (a past-president the National Pharmaceutical Union), tes: Andrew Ralph Melhuish—our lder Statesman," as in appreciation and ction we had come to regard him—resented pharmacy in so many and ied capacities that his passing will leave vacant chair in many administrative les. Because of his wide knowledge and lerstanding of men and affairs, his ance of judgment, sincerity of purpose dignified approach, he was accorded ady acceptance in all circles. His posi- at the polls invariably reflected apciation of services so admirably rened; and his so recent return to the cutive of the N.P.U., when he might well have rested on his laurels, was his final gesture in not being weary in welldoing. It is a privilege to pay a humble tribute to a distinguished pharmacist, a wise counsellor, a true friend and a great gentleman.

Mr. Walter Deacon, C.B.E., J.P., M.Sc., M.P.S. (a member of the Society's Council), writes: Mr. A. R. Melhuish was a perfect English gentleman, an outstanding and brilliant pharmacist, a loyal and trustworthy colleague, a citizen and patriot with a character of the highest type, and in private and home life a sincere and lovable personality. It is not possible within small compass to enter in detail into his contributions to pharmacy, but he may be summed up from a pharmaceutical point of view as one who lived and gave of his best for the uplifting of the profession. He will be missed in every section of pharmaceutical activity, and will leave a memory which cannot be anything but helpful and inspiring to all who follow him.

ROYAL INSTITUTE OF CHEMISTRY

fessor J. W. Cook (chair of chemis- Glasgow University), in his presiden- address to the Royal Institute of emistry in Glasgow recently, said that ical laboratories provided an essential ice in the modern hospital and would ome more important as the National lth Service developed. Pathological, teriological and chemical examinations le there contributed largely to the accu- diagnosis of disease. Yet the chemists' in elevating the medical profession prestige higher than it had ever presly enjoyed had received little or no owledgment from the public at large d a somewhat grudging recognition by doctors" whose attitude, he thought, due in part to ignorance of the extent heir debt to their chemical colleagues. re was need to publicise and enlighten public about chemists, their work, and achievements of chemistry. A factor ibly responsible for varying standards work in hospital laboratories was the culty in recruiting chemists of suitable bre, which was partly connected with us and conditions of service. There no doubt that in the past those had n strong deterrents.

'he Institute's Council had been conned at the pressure placed on chemists oin trade unions, particularly in the onalised industries. It would be a deon to suppose that a relatively small trade union of scientific workers could exercise such power as the numerically large bodies representing industrial workers.

Another disquieting factor was the modern tendency to standardise scales of salary and to discourage initiative. Professor Cook doubted whether a system in which merit and industry went unrewarded and inefficiency and sloth unpunished was in the best interests of the community at large.

Research Objectives

The view that research would have to be directed more and more to the solution of the urgent problems facing human civilisation, such as those connected with food production, was expressed by Dr. W. M. Cumming (formerly director, School of Chemistry, Royal Technical College, Glasgow), who gave the G. G. Henderson Memorial lecture. Dr. Cumming said that there was no first-class reference library in technology throughout Scotland. That was a problem that would have to be faced. Could not the Department of Scientific and Industrial Research, which had done so much for the development of industry in general, sponsor some such scheme for disseminating knowledge to those who would use it, if it were made readily available? It should not be impossible for first-class sectional reference libraries, for example, on ceramics in Stoke, and on engineering in Glasgow, to be set up.

N.H.S. IN SCOTLAND IN 1949

In a review of the Pharmaceutical Service in Scotland during the first year of the National Health Service, the report of the Department of Health for Scotland, 1949 (which incorporates the first report of the Scottish Health Services Council), recently published by H.M. Stationery Office, shows that during the period about 15 million N.H.S. prescriptions were dispensed at an approximate cost of £2,750,000, or 3s. 8d. per prescription. The number dispensed for insured persons during the last twelve months of the National Health Insurance scheme was about 4½ millions, while the

Use Made of the Pharmaceutical Service

Date	Prescriptions Dispensed (thousands)
July 1948 — Dec. 1949	23,754
1948 (July to December)	6,577
1949	17,177
1948 July	706
August	919
September	1,093
October	1,184
November	1,336
December	1,339
1949 January	1,567
February	1,497
March	1,554
April	1,386
May	1,352
June	1,302
July	1,152
August	1,282
September	1,413
October	1,514
November	1,581
December	1,577

number of private prescriptions for the same period was estimated at 8½ millions. The number of private prescriptions in 1948-49 is not known, but may have been about one million, so that the total increase in the year was probably about 3 million prescriptions or about 23 per cent. The rate of prescribing increased considerably after the Service began, the numbers for the later months of 1949 being about one-quarter higher than for the corresponding months of 1948 (see table). The total number of prescriptions for the calendar year 1949 was about 17 millions. The cost per prescription increased, from 40.8d. in September 1948 to 46.4d. in April 1949.

The greatly increased number of prescriptions proved beyond the capacity of the pricing bureau, which experienc difficulty in securing additional accomm dation and staff, and the work of pric fell, consequently, into arrears.

Health Records

Several new health records were ma during the year. The infantile morta rate, for example, was reduced to 4 per 1,000 live births (39 per cent. bel the 1941-45 average), maternal morta fell to 1.3 per 1,000 births (against in 1948 and 3.6 in 1941-45) and the g eral death rate to 12.3 per 1,000. Th was a further decrease in the number deaths from infectious diseases.

The death rate from respiratory tub culosis showed about a 10 per cent. d from the high figures of the past years, but it had not yet fallen to the p war level, and the number of new c notified showed a further rise.

LONDON EXECUTIVE COUNCIL

At a recent meeting of the London ecutive Council a number of test presc tions were considered, and the Council commended that £5 should be deduc from the remuneration of one chemist supplying "an appliance of a type ot than that ordered . . . knowing it to unsuitable for the purpose intended," £2 2s. and £1 1s. each, respectively, fi contractors who had dispensed gar showing a 48.4 per cent. excess anc 48.3 per cent. deficiency of potassi chlorate. Cautions were recommen in four other cases. Reports submitted the Council on April 27 gave the foll ing statistics for the year ended Ma 31: Rota services, £7,640; payments doctors for supplying drugs, £6,413; t ing of drugs, £1,058. A decision gi by the Ministry of Health, after it been consulted by the Council about notice given by a London County Cou medical officer that he intended to p cribe in bulk for the patients of a rec tion centre was read. It stated that, the patients were not "normal residen nor National Health Service patients, b prescribing should not be extended the centre. On April 3, Mr. A. Kennedy was elected *Chairman*, and J. C. Gilbert *Vice-chairman*, of the Ph maceutical Service Committee of Council.

CHEMISTRY AND CULTURE

Professor John Read, F.R.S. (professor f chemistry, University of St. Andrews) hose the subject "Chemistry as an Instru- ent of Culture" as the title of the Pope emorial lecture which he read to the oyal Society of Arts in London recently. elow is an abstract of his address.

From 1907-15, at Manchester and, hiefly, at Cambridge, I spent more than ight years with Pope in close collabora- ve research. Most of our work was of a tereochemical nature, and included the emonstration for the first time of optical ctivity in a centroasymmetric compound, nd the synthesis of the simplest molecu- rly asymmetric compound known, amely, chloroiodomethanesulphonic acid. le was a man of "deep culture, with ide interests, ranging from his beloved tereochemistry and crystallography to hotography, literature, languages, art, usic, and the drama." He had also the astes of a connoisseur, particularly in al- hemical paintings and engravings, apothe- aries' jars and mortars, and choice edi- ons and bindings of English and foreign terary classics.

A great deal has been said recently bout an imagined clash between science nd culture. The inherent problem is spe- ialisation, and is not peculiar to science. The ideal education should maintain a roper balance between studies in arts and cience. Le Chatelier has said that:—

"The proper way to train scientists is not to verload the memory of students daily with in- ormation, in the belief that to develop a taste or science it is necessary above all to endow their ntellectual faculties with a certain orientation and certain diligence. Rather, as Plutarch said long go, 'The child's mind is not a vessel to be filled, ut a fire to be kindled.'"

Chemistry deployed in space—or chemical eography, as I have called it—links the tudent of chemistry with economics and ndustry, and even brings him to appre- iate some of the underlying causes of in- ernational rivalry and strife. When we egin to look at chemistry deployed in ime, however, we realise more fully how hemistry itself may become a cultural nd humanistic instrument of high value. or, of all the branches of science, che- nistry is the most romantic; and in its ariegated history, stretching back through nore than a millennium of alchemy into he primitive civilisations of the world, che- nists have a richly humanistic heritage.

Pope devoted much attention, particu- arly in his later years, to the collection of paintings and engravings featuring alchemy. His treasures included examples of the work of Teniers, Wijck, Bega, Steen, van Heemskerk, and other painters. Among artistic items of a later date, Pope had assembled an unusually complete series of the rich reproductions in mezzotint of the paintings of Joseph Wright, the eighteenth century painter of Derby, whose strangely effective high-lights are seen to such advantage in his representation of the discovery of phosphorus and in his charming study of an old philosopher giving a lecture on the orrery. Pope's fine collection would have been of particular value to British students of historical science, because of the great scarcity of artistic works of this kind in the galleries and museums of Great Britain.

EARNINGS AND HOURS

In October 1949, the Ministry of Labour conducted an inquiry in order to obtain particulars of the average weekly earnings and working hours of manual wage-earners employed in manufacturing industries in the United Kingdom. The results of the inquiry are published in the current (March) issue of the "Ministry of Labour Gazette." In the first table below are given average earnings of wage-earners in the pharmaceutical, toilet and perfumery industry in the last pay week in October 1949. Figures in the second column relate to the numbers of wage-earners covered by the returns.

Class	Number	Average Earnings	
		s.	d.
Men (21 and over)	8,729	135	4
Youths and boys	647	67	1
Women (18 and over)	9.744	74	3
Girls	1,610	55	11
All workers ...	20,730	98	4

The second table gives average hours worked and average hourly earnings in the same week in October 1949 by wage-earners covered by the returns.

Class	Working Week	Hourly Earnings
	Hours	d.
Men (21 and over)	45.6	35.6
Youths and boys	41.6	19.4
Women (18 and over)	42.6	20.9
Girls	42.6	15.8
All workers ...	43.9	26.9

QUALITY SELLS

Despite changing selling conditions, there is a regular demand for John Bell's preparations. They are dependable, reasonably priced and allow a fair margin of profit to retailers. The public are asking for them. Are you in a position to supply?

JOHN BELL'S

TONIC PHOSPHATES

	Retail Price	Wholesale Price
4 oz. size	2/6d.	14/6d.
8 oz. size	4/3d.	24/6d.
16 oz. size	7/7d.	43/-

TIN OX TABLETS

Large size	3/3d.	17/6d.
Small size	1/6d.	8/6d.

SUNBURN LOTION

Large size	2/3d.	13/6d.
Small size	1/6d.	9/-

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S.T. I. SUN TAN POWDER comp.
Bottles ½ oz. powder to 2 ozs. water Applied with wadding and gives the admired GOLDEN BROWN Skin Tint with smooth matt finish. Early orders appreciated. 7 lbs. lots at 2/9 lb. post paid.
Makes 224 x 2 oz. bottles.
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VOL. CLIII MAY 6, 1950 No. 3663

What is Addiction?

A DISTINCTION between "drugs of addiction" and "habit-forming drugs" is made in definitions recommended by the World Health Organisation's Expert Committee on Drugs Liable to Produce Addiction—a distinction that was already implicit in the change to that title by the former Expert Committee on Habit-forming Drugs. The Committee, which is composed of pharmacists, doctors and chemists, reached agreement on definitions of three basic terms, and the definitions are to be recommended to the Commission on Narcotic Drugs of the Economic and Social Council for general adoption.

"Drug addiction" is defined as a state of "periodic or chronic intoxication, detrimental to the individual and to society, produced by the repeated consumption of a drug (natural or synthetic)." Symptoms shown by addicts include "(1) an overpowering desire or need (compulsion) to continue taking the drug and to obtain it by any means; (2) a tendency to increase the dose; and (3) a psychological and sometimes a physical dependence on the effects of the drug." An "addiction-producing drug" is defined as one that produces addiction as laid down in the previous definition. Finally, a "habit-forming drug" is defined as one which is or may be taken repeatedly "without the production of all of the characteristics outlined in the definition of addiction, and which is not generally considered to be detrimental to the individual and to society." The Committee considered that the expression "habit-forming," in the sense of "addiction-producing," should be avoided in all texts relating to drug addiction. The further recommendation is made that Governments throughout the world should be urged to undertake or amplify medical research on addiction.

Covenant to Repair and Intention to Demolish

AN important decision has recently been given by the Court of Appeal on the question whether a tenant is liable to carry out repairs under the covenants of his lease or tenancy agreement or, alternatively, to pay damages in lieu thereof in cases where at the end of the lease his premises are to be pulled down. The problem is becoming one of practical interest because schemes of development are contemplated by local authorities.

Prior to the Landlord and Tenant Act, 1927, a landlord was entitled to recover the full measure of damage from a tenant who, at the end of his lease, had not carried out the repairs required by his covenants, even though the next day the landlord might be going to pull down the whole of the property and erect a new building on the site. The Act removed that grievance by providing that the tenant was not liable in such a case. But the provisions occasioned certain difficulties which may be regarded as having now been substantially cleared.

Two recent cases have had a bearing on the subject. According to the first (Salisbury v. Gilmore) so long as the landlord had the intention of pulling down the building at the date when the lease came to an end, the tenant could not be liable on the covenant, even though, at a still later date, the landlord may have completely altered his intention in that respect. The crucial date, therefore, is seen to be the date when the lease comes to an end. If the tenant can show that, before the date on which his lease ended, the landlord had decided to pull down the building and that his intention to do so still subsisted at that date, then he is not liable.

Unfortunately, numerous building restrictions imposed in consequence of the war, and by recent statutes such as the Town Planning Act, considerably whittled down the relief to which the tenant was entitled under these provisions. As matters stand at present, it is problematical whether the relief to which the tenant is entitled under this section is not, in fact, completely illusory. In a case recently heard in the Court of Appeal (Cunliffe v. Goodman) the Court ruled that regard must be had to various restrictions on building to determine whether any "intention" to demolish could be formed by the landlord. The landlord might well contemplate pulling down the building but it might be no more than a pious hope unless and until the various consents had been obtained. For instance, special permission had to be obtained under the Town Planning Act, and a licence to build had to be obtained from the local authority. Even if the building licence were obtained it might be subject to such terms that the proposition to demolish and rebuild was not worth while (the building licence might provide that the building should not be sold at more than a maximum price, or that it might not be let at more than a maximum rent). In those circumstances the owner might think that it would not be a commercial proposition for him to incur the expenditure and risk of demolishing and rebuilding. Unless, at the end of the lease, the property was to be compulsorily taken over by a local authority and demolished, or the landlord had obtained his planning permission and his building licence and had still maintained his intention to pull down the property, a tenant could not claim the relief to which he would otherwise have been entitled.

Higher Prices for Zinc Oxide

It is thought that prices of zinc metal in the world market may continue to rise unless output of zinc ore is substantially increased. At a recent meeting of the American Zinc Institute, an official of the Economic Co-operation Administration said that mining production throughout the world had failed to meet the demand of smelters in the past two years, nor was any great increase in output during the ne few years expected. However, according a writer in the "Economist," the demar recently for zinc concentrates has con largely from American stockpiling autho ties. In Australia, stocks held at the min have been high, and output has been r stricted until they were reduced.

United Kingdom selling prices of zi are pegged to retain parity with U. prices. On May 2, the Ministry of Su ply announced a rise in zinc of £2 p ton—the fifth rise since March 14, ma ing a total increase of £12 in seven weel At the last increase, zinc oxide prices ro by £1 15s. per ton; with that change rat became higher by £10 10s. per ton th those ruling on March 14. The curre price (two-ton lots) for B.P. quality £103 15s. compared with £74 10s. prior the devaluation of sterling.

The wisdom of the Ministry's pri policy is open to doubt. Production zinc in the United States (and in Sou America) is in the hands of a few co cerns, and they have tended always to prices as high as possible, often out line with the current economic positio The full re-opening of the London Met Exchange would undoubtedly weaken t American hold on prices, though the pr sent time, when American demand is hig is not considered the most opportune f the resumption of free trading.

FIFTY YEARS AGO

The Society "Turns the Corner

(*From the C. & D., May* 5, 1900).

We have to congratulate the members the Society on having accomplished th interesting financial process known "turning the corner." Everybody is w aware that for a decade the expenditu has been overrunning the income, a matters had become so serious three yea ago that it was decided to double t Minor examination-fee rather than c upon the members to put their hands in their pockets. That resolution comes in force after August of the present year. a as the strongest opponents of it, becau we considered it to be an unjust meth of raising the wind, we are pleased to o serve that it now appears to be whol unnecessary.

DESTINATIONS OF EXPORTS

Board of Trade statistics showing exports of "Chemicals, drugs, dyes and colours" to elected areas are given in the following table. Values are in £ thousands and are monthly averages (1949) or for calendar months (1950).

Area	Comprising	1949		1950	
		Year	4th Quarter	Jan.	Feb.
U.S.A. and possessions..	.. ..	161	221	258	139
Canada ..	.. ..	152	241	202	202
Western Hemisphere (non-dollar countries)	Peru, Chile, Brazil, Uruguay, Argentine Republic, Paraguay	552	692	623	486
American Account countries	Republic of Philippines, Cuba, Haiti, Dominican Republic, Mexico, Guatemala, Honduras (not British), Salvador, Nicaragua, Costa Rica, Colombia, Panama, Venezuela, Ecuador, Bolivia	99	123	161	183
Commonwealth (sterling members)	Union of South Africa, Southern Rhodesia, India, Pakistan, etc., Ceylon, Australia, New Zealand	2,153	1,602	1,671	1,450
Union of South Africa	.. ..	366	293	382	210
British Colonies	Excluding Channel Islands, but including Protectorates, Trust territories, Mandated territories and Trust territories of members of the Commonwealth	1,109	1,309	1,418	1,124
Iraq and Burma ..	.. ..	93	133	224	110
Non-sterling O.E.E.C.	Sweden, Norway, Denmark, Germany, Holland, Belgium, Luxembourg, France, Switzerland, Portugal, Italy, Trieste, Austria, Greece, Turkey	1,405	1,462	1,865	1,819
O.E.E.C. Possessions	Possessions of Norway, Denmark, Holland (except Dutch New Guinea prior to 1950), Belgium, France (including Morocco and Lebanon), Portugal and Greece	102	98	115	79
Irish Republic and Iceland	.. ..	270	289	338	320
Eastern Europe	Soviet Union, Finland, Estonia, Latvia, Lithuania, Poland, Hungary, Czechoslovakia, Jugo-Slavia, Albania, Bulgaria, Roumania	255	211	239	137

COUNCIL CANDIDATES

NOTES on the careers and brief statements of policy by the sixteen candidates for election to the Pharmaceutical Society's Council are given in the paragraphs below.

Voting papers must be returned by noon, May 17.

ARMITAGE, George Henry

QUALIFIED in 1912. A retired branch manager of Boots, Ltd., now engaged on locum duties. A member of the General and Hours of Service Committees of the Pharmaceutical Committee for the County of London, and general secretary of the Registered Pharmacists' Union. A past chairman of the Finchley Division of the North London Pharmacists' Association. Was a member of the Joint Committee on a National Pharmaceutical Service, and of the liaison committee with the British Medical Association. A delegate to the Minister of Health from the Joint Committee and a delegate, representing employee pharmacists, in the initial stages of the proposed Whitley Council for Pharmacy.

POLICY: The Society, as the governing body of the profession, should:—(1) Inquire into and formulate a policy that will clarify the position where ethics and discipline are concerned. (2) Publish the man-power report so that the effect on retail pharmacy, where future intake is concerned, may be assessed in relation to the proposed new education curriculum. (3) Overhaul the Branch system. (4) Give women pharmacists, through the National Association of Women Pharmacists, the same recognition as that afforded the Guild of Public Pharmacists. (5) Abolish its power to make by-laws providing for registration as Ph.C. or M.P.S. without examination. (6) Introduce proportional representation on the Council. At present there is much duplication of representation, so that the Society's negotiating powers are not used to the fullest extent. The Pharmaceutical Committees' constitution provides a model. (7) Formulate strong liaison with the medical profession with special reference to N.H.S. matters. "Plump for Armitage."

BENJAMIN, William Sidney

QUALIFIED in 1932 from the Liverpool School of Pharmacy, and until 1946 was an employee in retail pharmacy, having experience with private, multiple and co-operative firms. Later entered hospital pharmacy, and is now chief pharmacist t the Botleys Park Hospital, Chertsey, Su rey. Is chairman of the National Advisor Committee of the Association of Pharma ceutical Employees, and has been secretar of its London Advisory Committee sinc 1938. Member of the Pharmaceutica Whitley Council (Committee C), and c several deputations to the Ministry c Health. A former member of the Joir Committee on a National Pharmaceutica Service. Member of the Surrey Pharma ceutical and Hours of Service Committee: Secretary of the South-west Metropolita Hospital Pharmacists' Committee. Chai man 1949, and a committee member c the Woking Branch of the Society.

POLICY: All pharmacists should joi forces to deal with N.H.S. problems, oth wise the decisive influence will be wit non-pharmacists, i.e., the companies. (Op ticians have obtained results by qualifie proprietors and employees uniting for ne gotiations with the Ministry.) *Status:* A each set of retail premises the pharmaci should be recognised as providing the se vice. All pharmaceutical work in hospital and ordering, should be under the contr of pharmacists. *Remuneration:* No cu in contractors' remuneration. A new na tional agreement for retail employee pha macists' fair-minimum terms, instead c their having to depend on "scarcity value. Salaries for hospital pharmacists commer surate with their responsibilities. *Profe sional Conduct:* No "off the premises advertising of dispensing services. Nor pharmacist as well as pharmacist owne of registered premises to have to unde take to observe the provisions of th Society's statement upon matters of profe sional conduct. *Organisation:* In particu lar, retail employees should unite in single, stable organisation.

BLACK, Hugh Lindsay Stirling

QUALIFIED in 1923 after an apprenticeshi in Anstruther, Fifes; served during th 1914-18 war with the Cameron High landers and Royal Scots Fusiliers an was awarded the Military Medal. Presi dent of the Thames Valley Pharmacists Association for a second period, an em ployee representative on the Surrey Phar maceutical Committee, and president o the Kingston Rotary Club. At presen manager of Boots, Ltd., Kingston-on Thames, Surrey.

POLICY: My aim of paramount im-rtance is to keep the dispensing of medi-nes in the pharmacy. It has been proved at an adequate pharmaceutical service s been provided to the nation—a fact which both employer and employee have ason to be proud. I feel that greater operation could be made between all armacists, both hospital and private, and at the Pharmaceutical Society could do great deal to bring this to fruition. I ould like to stress the fact that my views common-sense ones, not inspired by tional interest. I am prepared to exam-any proposal which may, in any way, ect any section of our craft. The ournal" of the Society could be im-ved. Finally, if the educational policy comes too academic, and the final re-rd is insufficient, the profession will suf-from lack of entrants.

OCKLEHURST, Eric Arthur

ALIFIED 1927. Proprietor pharmacist. mber of Council. Member of Executive l past-chairman of National Pharmaceu-l Union, and member of principal com-tees. President, Chemists Federation, mber of Central N.H.S. (Chemists' Con-ctors) Committee. Past-president of Hull emists' Association and Branch of the iety, and Hull Pharmaceutical Com-tee.

POLICY: I am very anxious to promote lose working between our Society and members and achieve close co-operation ween it and other bodies. In my nion the education policy meets the uirements of present-day pharmacy and re should be no need to extend the post-duate course for some years. I am very cerned about the man-power position consideration should be given to in-asing the number and the quality of the rants into pharmacy to keep up the ngth of the register—otherwise there danger of dilution and of all pharma-tical work being done by other than rmacists. Although all my business nections are in retail pharmacy it will ny endeavour to promote the welfare of members of our Society.

RR, Mary Agnes

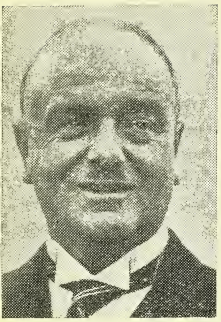
ALIFIED 1929. Member of the Council he Pharmaceutical Society, chairman of Benevolent and War Aid Committee, past-chairman of its Nottingham nch. Member of the executive com-tee of the National Association of Women Pharmacists and past-chairman of its Nottingham Branch. Committee member of the Nottingham Branch of the National Pharmaceutical Union. Formerly a member of the District Pharmaceutical War Committee, member of the advisory committee for pharmaceutical education at Nottingham University, member of the Notts County Executive and Commandant of British Red Cross Society.

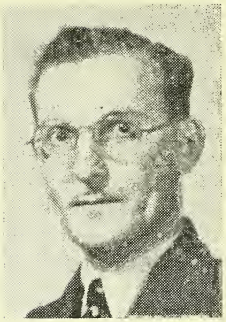
POLICY: I realise the increasing amount of work done for the Society through ts branches, and support the revision of the Society's charter to enable the Branch system to obtain recognition in the Society's constitution. To maintain an adequate standard of education I would support the Society's education policy, provided it is directed to retain the registration of pharmacists only through the Society. In National Health Service matters it is of extreme importance for the Society, as the representative body of pharmacists, to safeguard the interests of its members professionally and maintain the closest contact with administrative organisations and allied professions within the Service. Above all there should be fostered within the profession a spirit of unity, and the desire to work for the betterment and advancement of pharmacy as a whole.

COOPER, William

APPRENTICED with the late Mr. A. H. Cooper, Bath, and qualified as chemist and druggist after training at the Bath and West of England School of Pharmacy in 1911 (silver medallist), and as a Pharmaceutical Chemist in 1912. Pharmaceutical Society's bronze medallist, 1913. 1915-19, served with the Special Brigade, Royal Engineers. 1919, appointed lecturer in pharmaceutics at "Bath and West" School of Pharmacy; in 1929, lecturer in pharmaceutics, and in 1945, Head of the School of Pharmacy in the Merchant Venturers' Technical College, Bristol. Joint secretary of the Bath Branch of the Society, 1925-27.

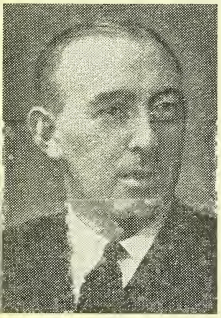
POLICY: The recent educational policy of the Society has not taken into account the realities of the situation. Qualification through degrees only cannot be achieved for a long time and must come by a sort of evolution, and not through an attempt at force, so that steps should be taken to modernise the curriculum and make use of all the facilities for pharmaceutical education that are at present available. The Pharmaceutical Society has not been aggressive enough in tackling the delay in settling pharmacists' National Health Ser-


Mr. G. H. Armitage


Mr. W. S. Benjamin

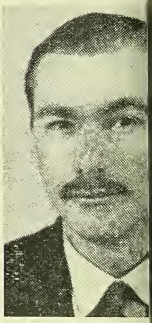
Mr. H. L. S. Black

Mr. E. A. Brock


Mr. T. Heseltine

Mr. G. H. Hughes

Mr. C. W. Macfarlane


Mr. A. G. M. I

vice accounts. It is still the duty of the Society to protect pharmacists as defined in the Charter and confirmed in the judgment on the Jenkin case. The sale of drugs by village stores or hucksters is not affected by section twelve of the Pharmacy and Medicines Act, 1941. This should be kept before us for attention as soon as possible.

GOULDER, Joseph Lovell

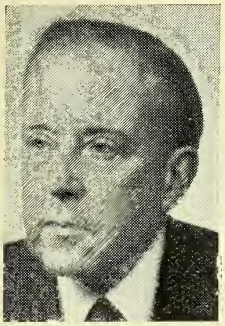
Qualified in 1928, now proprietor of Beetham & Clark, Cheltenham (and holder of a T.S.A. licence), and a director of United Chemists' Association, Ltd. A past secretary and chairman of the Cheltenham Branches of the Society and National Pharmaceutical Union. A member of the Gloucester Executive Council and chairman of the local Pharmaceutical Committee.

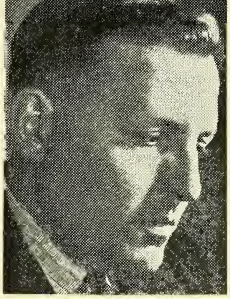
Policy: Retail pharmacy provides 15,000 National Health Service dispensing points which must be adequately staffed. 80 per cent. of entrants into pharmacy are required for the maintenance of this important service. Education must, therefore, be reorganised on a practical pharmaceutical basis, and retail pharmacy made n attractive. I view questions concerning service to the public, National Health vice and pharmaceutical politics with keenness of one brought up and still gaged in retail pharmacy. I am convin that pharmacy holds the brightest of p pects and is a profession that should att the best from the grammar and second schools in the country. I, for one, h never lost sight of the value of a perioc apprenticeship in a good and approved tail pharmacy.

GRIFFITHS, Edward Trefor

Chief Pharmacist, Cardiff Royal Infi ary, and assistant in pharmacy, We National School of Medicine, University Wales. Qualified as a chemist and dr gist in 1926 and as a Pharmaceut Chemist, 1927, after studying at the Ph maceutical Society's College. Assist pharmacist, University College Hospi London, prior to present appointment. member of the Council of the Guild Public Pharmacists, and past-chairman

Miss M. A. Burr

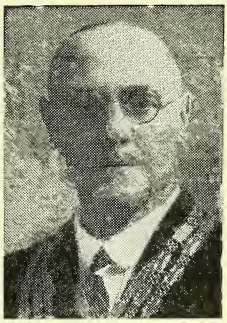

Mr. W. Cooper


Mr. J. L. Goulder

Mr. E. T. Griffiths

Mr G. H. Priestley

Mr. H. Steinman


Mr. F. G. Wells

Mr. B. A. Williams

the Guild's South Wales Branch. Committee member of the Cardiff Branch of the Society; chairman of the Welsh Regional Hospital Pharmacy Committee (Provisional).

POLICY: Any tendency to rest on our oars must be strongly resisted. Today's problems include consolidation of our position with regard to the National Health Service and resistance of "nibbling." Man-power needs to be handled with a clear appreciation of the attendant dangers. I believe that certain individuals are endeavouring to exert pressure to lower the standards of the qualifying examination. The results of such action would be seen in a greater number of people entering the profession, a much greater number of company shops, a decrease in the status of pharmacists, and a consequent decrease in the remuneration of both proprietor and employee pharmacists. Similar results would follow the introduction of pharmaceutical technicians. I shall endeavour to serve the interests of members to the best of my ability.

HESELTINE, Thomas

A MEMBER of the Society's Council for the past six years, and of its Benevolent Fund and War Aid, Law, Organisation, and Public Services committees, and chairman of its ethical committee. A past chairman and member of the National Pharmaceutical Union Executive Committee for the past fourteen years, chairman of the Joint N.H.S., Contractors' and Negotiating Committees, and chairman, Ministry of Health Pricing Working Party. Member of Joint Pricing Committee for England, and secretary West Riding (Yorks) Pharmaceutical Committee.

POLICY:—If elected I am prepared to continue to work for the benefit of pharmacy.

HUGHES, Gwilym Hywel

CO-OPTED to the Society's Council in 1948; served on the Benevolent Fund, Organisation and Finance Committees. For many years treasurer of the Anglesey, Carnarvons and Colwyn Bay Branch, and a past

president of the Branch. A member of the Colwyn Bay borough council, chairman of its public health committee, and vice-chairman of the finance committee. A governor of the Colwyn Bay Grammar School.

POLICY: Our education policy must pay due regard to present-day requirements. I consider the two years' course for the statutory qualifying examination of the Society adequate. Pharmacists must have full control in their professional task and must have equal status with other professions. We must not weaken the position of the pharmacist by giving recognition to an army of semi-qualified technicians. Though we may have reason to fear for the changes in the National Health Service that are taking place, we must not panic. During my term on the Council I have received many letters from pharmacists and students and I have addressed many meetings. These have brought home to me the validity and seriousness of the problems confronting pharmacy today. I have always appreciated the opportunities of serving my fellow pharmacists, and of clarifying these problems by discussions with them.

MACFARLANE, Charles William

AFTER three years in the laboratories of Harkness, Beaumont & Co., Ltd., Edinburgh, qualified as a chemist and druggist in 1924, and as a Pharmaceutical Chemist two years later. Proprietor pharmacist in Dundee for sixteen years. A member of the Dundee Pharmaceutical Committee and Executive Council, Standing Committee (Scotland), Pharmaceutical Advisory Committee (Scotland), and other committees. Chairman of Executive, Scottish Department of the Society. Secretary, Dundee and Central Scottish Branch.

POLICY: "Dream dreams, yet hold the reins of reality" is an old saying that could profitably be considered by all in pharmacy. Many pharmacists are so engrossed in everyday problems that they won't spare the time, or energy, to look ahead, while others have their heads so high in the clouds that they fail to appreciate the difficulties we must overcome. We must have in pharmacy practical leaders who have vision and can carry pharmacy along step by step, not in one jump, to a qualification, controlled by the Society, that will be consistent with the work required of us, and yield a satisfactory financial return. If elected I should study each problem from a practical present-day viewpoint and keep in mind that we plan today for the pharmacists of the future.

MADGE, Archibald George Mervyn

CHAIRMAN of the Plymouth Branch of t Society (formerly its secretary for 12 yeار has been for over twenty years in ret (private, company and co-operative). present superintendent pharmacist for th teen pharmacies. Has been Branch repr sentative for all conferences while officer, is a member of the Plymou Pharmaceutical and Hours-of-Servi Committees, and of the Cornwall Pharm ceutical Committee and pharmaceutic service subcommittee.

POLICY:—I believe the Society, throu its Council, should be the focal point of pharmaceutical affairs. It should stand f the advancement and protection of all se tions of pharmacy and for retaining co trol of all who practise pharmacy. A prenticeship (shop or hospital) is of vit importance to the future pharmacist. Th the Society has no control over degr students may be overlooked during t shortage of pharmacists, but the potenti danger is very real. The future relationsh of the pharmacist and unqualified techr cian will need watching, to ensure th pharmacists' interests are not jeopardise In the Health Service pharmacy must b independent and of equal status with oth professions. With many years of exper ence as an official of my local branch, an delegate, I think the outlook is bright the Society is vigilant. My aim is servic to my fellow pharmacists in all the circun stances that arise.

PRIESTLEY, George Henry

QUALIFIED in 1915 after study at th Westminster College of Pharmacy. Hel managerial posts with Boots, Ltd., in Bo ton, Guernsey, and for the past sixtee years at Ealing, London. Elected employe representative on the Middlesex Pharma ceutical Committee, 1948, member of th hours-of-service subcommittee. Committe member of the West Middlesex Pharma ceutical Association, and chairman c Boots Pharmacists' Metropolitan Asso ciation.

POLICY: If elected I should give m fullest efforts to furthering the professiona and economic status of the pharmacist an to secure remuneration worthy of the res ponsibilities and services of the employe and employee. Of all the professions con tributing to the National Health Service pharmacy has rendered the most willin and satisfactory service. It is imperativ that no further cuts in payment are accep

d. I should oppose expenditure on health ntres. I should support refresher courses pharmaceutical education and advocate y scheme that would encourage the ht type of man-power to enter the pro-ssion. I should support the present higher ndards in pharmaceutical education and mly oppose any admission of technicians, nich would be disadvantageous to the armacist employee. I should support the ed for the granting of commissioned rank pharmacists in H.M. Forces, and seek improve the usefulness of the "Phar-aceutical Journal."

EINMAN, Harry

UALIFIED in 1927, and since 1934 has en a proprietor pharmacist. Member the Society's Council since 1947, a mem-r of its Benevolent Fund, Organisation, blic Services and Law committees. A past airman of the National Pharmaceutical ion and allied organisations. Chairman the N.P.U. Business Purchase and Guar-tee Fund. A member of the Central .H.S.) Contractors' Committee, the nt Liaison Committee with the British edical Association, the Pharmaceutical hitley Council, and the Chemists Feder-on. Chairman of the Manchester Phar-ceutical Committee, past-president of Manchester Pharmaceutical Associa-n (senior), and past chairman of the anchester Pharmaceutical Association nior), and of the Manchester Branch the N.P.U. Pharmaceutical representa-on the Manchester Executive Council.

POLICY: In 1947 I said that the great-opportunity ever offered to pharmacy d pharmacists lay within the framework the National Health Service. I see no son to alter that opinion. We are en-ed to be proud of our record of service. e greatest need is to consolidate our ition and encourage pharmacists every-ere to develop still further our profes-nal service to the public. Our skill and owledge must be applied at all times to over-riding interests of the public. This olication provides the finest means of vertising. Educationally we cannot af-d to lag behind. The final two-year urse should produce an efficient, general armaceutical practitioner. For those o desire to specialise advanced courses uld be made available. The man-power blem must be dealt with in the light the Roskill report. There must be no ution of the pharmaceutical qualifica-ns.

WELLS, Frederick George

A PAST-PRESIDENT of the Society (1944-45) and a Council member since 1929. A proprietor pharmacist since 1919. Past-president of the South-west London Chemists' Association and of the West Middlesex Branch of the Society. Member of the former Joint Committee on a National Pharmaceutical Service. A past-chairman, Middlesex Pharmaceutical Committee.

POLICY: The principal and intimately connected problems affecting pharmacy at present are the National Health Service and the education of the future pharmacist. If the Health Service is to be carried on successfully more pharmacists must be introduced to help those overworked members already engaged in it. The Council should encourage students to concentrate on the qualifying examination. Matriculation entrance standard should be maintained and the opportunity given of taking apprenticeship before the intermediate qualifying examination is passed. The student should have the best possible training but his training should be on sound practical lines. *Health Centres:* These are bound to come but in my opinion pharmaceutical departments should only be included when there are no pharmacists in the vicinity. I hope, once again, to have your vote and support so I may continue my work on your behalf and on behalf of pharmacy in general.

WILLIAMS, Basil Allen

APPRENTICED with Boots, Ltd., in Bristol, qualified in 1933 from the Bristol College of Pharmacy. Was later employed with Boots, Ltd., in London and the South of England until 1938. During this period he became chairman of the London Branch of the Association of Pharmaceutical Employees. After a period of employment in the London County Council Mental Service, and at Mount Vernon Hospital, Northwood, was appointed chief pharmacist at Park Prewett E.M.S. Hospital, Basingstoke, until joining the Army in 1942. Served in the Royal Artillery and Indian Army in India, Burma and Malaya, and was demobilised with the rank of temporary captain. In 1948 purchased his own pharmacy at Brentford. Was a member of the Society's Council from 1940-42. At present secretary of the pharmacy group of the Socialist Medical Association.

POLICY: (1) I oppose the Government's threat to levy a charge for pharmaceutical services. (2) Managers must sign contracts

with Executive Committees. (3) The joint employee-proprietor committee in the National Health Service should be revived. (4) Adequate J.I.C. rates must be accepted so that employee and proprietor may work together in harmony. (5) Pharmacists in the armed forces should be organised in a pharmaceutical corps. The Council at present represents a privileged minority. I propose—(a) Authority to be vested in the Branch Representatives' meeting. (b) Candidates to represent pharmaceutical organisations. (c) Full reports o debates and voting so that we can reco nise who represents pharmacy and who re resents the dividends taken out of pha macy. I would support legislation to co tiol the "patent" monopolies which e ploit a credulous public and lower o profession with their worthless nostrum A handful of business men who own tho sands of multiple pharmacies are a dang to the effective working of a democrat system and need their powers curbed.

CANDIDATES ADDRESS LONDON MEMBERS

By invitation of the East Metropolitan Branch of the Pharmaceutical Society, the various candidates in the forthcoming election of seven members to the Council were given an opportunity of addressing London members at a meeting held at Bloomsbury Square on April 28. Mr. L. H. Moppett (chairman of the Branch), presided, and the eight candidates present spoke in alphabetical order. Members stood in silence for a few moments as a mark of respect to Mr. A. R. Melhuish, whose death (he was to have been a candidate) was announced by the chairman.

Mr. G. H. Armitage advocated proportional representation in the Council elections so that employees would be certain of representation. He urged repeal of the clause in the 1908 Act that empowered the Society to provide for the registrations without examination; what had taken place in 1914 and 1919, he said, coupled with the present trend of events, made further dilution a possibility. He supported apprenticeship before qualification, and recognition for the National Association of Women Pharmacists on the same terms as applied to the Guild of Public Pharmacists.

Mr. W. S. Benjamin declared that the pharmaceutical scene at present gave no cause for satisfaction. Above all, the Council needed employee representation. Proprietor pharmacists should consider the position of employees, and should co-operate in establishing a new agreement.

Miss M. A. Burr said that unity was again the keynote of her policy. She was in favour of ever-increasing liaison within pharmacy and with other allied professions. In education she favoured a policy that would produce practising pharmacists but leave the door open for specialisation. The Society should foster post-qualification courses for its members and revision of the charter to strengthen the Branch System.

Mr. W. Cooper urged that educatio was the prime consideration at the prese time. The universities were unable provide the requisite number of place The speaker advocated greater activi of the Society in National Health Servi matters, and favoured a revision of Sectio 12 of the Pharmacy and Medicines A 1941, to give greater protection to t public (the prime purpose of the Act).

Mr. J. L. Goulder said that somethi must be done to persuade enough pharm cists to enter shop life. The Council mu be careful not to tamper with education standards in a downward direction. T Society should back its retail members fighting N.H.S. cuts.

Mr. J. Priestley was strongly oppos to recognition of "technicians" and the introduction of health centres.

Mr. B. A. Williams said he stood as Socialist, believing that pharmacy provid a classical example of the trend towar monopolies. He advocated revision of t charter (a) to give statutory authori to the Branch Representatives' meeti to lay down policy, and (b) to ensure th only elected members of the Council shou vote on matters of policy. The prohib tion of advertisement of medicines f certain complaints should be extended.

Mr. F. G. Wells said he had alwa taken a stand against too academic a li in education, and favoured apprenticesh before passing the Intermediate examin tion. The National Health Service cou not greatly concern the Council, since t Society's members themselves had decid that the National Pharmaceutical Uni should be called into being to look aft the business interests of proprietor pha macists.

An omnibus vote of thanks was mov by Mr. R. Irving (South-east Metropo tan Branch), and seconded by Mr. Warburton (West Metropolitan).

CORRESPONDENCE

The Coming Election

IR—The letter of Mr. A. G Davies-ns under the above heading (*C. & D.* April p. 552) is most timely. The death of A. R. Melhuish, whose passing we all et, adds emphasis to his point that we uld have "new, fresh young blood."

Plymouth. E. C. BARROW

Oncost in Scotland

IR,—Chemists throughout Scotland are ng themselves why the Secretary of te for Scotland has not issued an "ulti-um" in similar terms to that issued by Minister of Health. Surely it is not ible that the staff side of Committee B e agreed in principle to the proposals the Department of Health?

Glasgow. S.E. W. T. WILSON.

An Emblem for Contractors

IR,—In view of the latest development "Frozen Wages," it is to be hoped t accountants' figures are forthcoming show that 16 per cent. is not an ade-te percentage of oncost to the small mist, upon whom the success of N.H.S. ensing depends. According to the ument put forward for a reduction, if has done so many scripts as to need extra assistant, he will work for noth-! I understand that the Minister will rtly issue to all "chemist contractors" at a title!) a sign to be shown on all I.S. pharmacies—the model of a red le, with yellow streaks, representing ncost" and "containers," grasping ntly a dripping sponge labelled "M.P.S."

London, N.W.1. W. R. I. NICHOLSON.

Time to Resign?

IR,—Since proprietor pharmacists cepted a shilling in place of one shilling sixpence dispensing fee, and are arently quite happy in waiting at least months for the settlement of their ounts (which even then are paid on an raging system), and since they accepted o per cent. cut in an already inadequate tainer allowance, it is only to be feared y may now also accept the 50 per cent. in their oncost. Why do not they wake whilst there is still time and resign m the National Health Service as from y 1?

London, N. H. PROCTER SMITH.

Appreciation

SIR,—May I comment on the splendid issue of April 22. Of particular interest are the items on "Additions to the Dangerous Drugs." The structural formulæ give a clear picture of the relationship of the various compounds and help considerably to understand the additions. They also tend to clarify the position in the regulations affecting the *d-*, *l-*, and racemic compounds. May I point out, however, printers' errors. The renumbering of the amidone compound does not alter it from 5-one to 3-ol, and the prefix di placed in the position of *d.l.* is not correct. The chemical names are given correctly in the extract from the Act, which forms the first paragraph. You are to be complimented on the early publication of this information.

Beeston. E. STUBBS.

[The captions for amidone (new chemical name) and methadol were inadvertently transposed and a heptane group omitted in the caption for the ketone.—EDITOR.]

A Call for Confidence

SIR,—In view of the telegrams and letters that are bombarding Pharmaceutical Committee secretaries at the moment, a word of appreciation of the constitutional machinery may have the effect of easing the "righteous indignation" that seems so evident. The indignation is justified but some of the implications of the letters might prove harmful to the negotiations. I enclose the text of a memorandum I have circulated to my colleagues on the Devon and Exeter Pharmaceutical Committee, as I feel it may have a wider application.

[The memorandum is partly confidential. It contains the following passages of a general character.—EDITOR.]

Do not think your representatives are just now doing nothing. I assure you they are very much alive, and using all the constitutional machinery and legal advice in contractors' interests. They give you an undertaking that a Conference will be called to hear the views of the Pharmaceutical Committee Representatives before a decision on their part is made. Chemists have accepted the Whitley Council machine. If that fails to reach an agreement, an arbitrator is called in, and his decision is binding to both sides, Ministry and Contractors. If there ever was a time for chemists to stick together it is now.

Exmouth. H. JARVIS GRAVES.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quan ties of standard quality. Prices of crude drugs and essential oils vary as to brand or grac

28 Essex Street, W.C.2, May 3

MANY sections of the PHARMACEUTICAL and FINE CHEMICALS markets have experienced rather quiet conditions during the past week. With the exception of ZINC OXIDE (see p. 581), home-trade prices are unchanged. It is understood, however, that PHENOL is to be increased in price and this may be followed at a later date by higher prices for ASPIRIN, SALICYLATES and a number of other products. The recent rise in costs of carriage may also be reflected by upward movements in prices of some chemicals. MANDELIC ACID is in good request. BOTANICAL DRUGS are still meeting with only a small demand and in a few instances quoted prices might be shaded. Portuguese ERGOT is an easier market, but is attracting little interest as consumers, generally, are prepared to wait for new-crop supplies.

Unprecedented Rhubarb Situation

Further supplies of RHUBARB were landed a few days ago; they have been found to be of very disappointing quality, and cannot be described as Chinese rough-round root. The arrival of such large quantities of inferior rhubarb is unprecedented and a number of merchants have described several of the parcels as being the poorest material they have seen. Further offers are being made from China, but in view of recent experiences importers are chary of doing business. AGAR continues in moderate demand at former prices; it is learned that supplies recently arriving in the s.s. "Glenorchy" were damaged by sea water, as a result of a fire which occurred in that vessel. With c.i.f. indications declining, spot holders of BUCHU are prepared to accept lower prices. Practically all spot supplies of cheaper grades of Tinnevelly SENNA LEAVES have been sold, while indications from India of dry-crop prices continue high and are not expected to decline in face of expected heavy arrivals. Nicaraguan IPECACUANHA is an easier market. Spot quotations for Curaçao ALOES are higher, with most of the cheaper material sold. Brazilian MENTHOL has been firmer in tone with a good demand for material afloat. In SPICES, the market for GINGER is steadier, while spot quotations for Zanzibar CLOVES are unchanged. GUMS and WAXES have attracted little demand. There have been few special features in ESSENTIAL OILS markets. Further import licensing relaxations have brought all "natural" essential oils into the list of commodities which may be imported on open general licence when originating in the "permitted" countries. This is reflected to some extent in higher prices for Italian LEMON, but it is understood that during the last few days there ha been indications that c.i.f. prices for tl oil are tending to decline. English-e pressed ALMOND OIL, B.P., is dearer; pri of raw material have moved up since control just over a week ago.

U.S. Drug and Chemical Repo

New York, April

IN the PHARMACEUTICAL and FINE CHEM CALS market demand for winter-seas products, including OPIATES and ANTIB TICS, has fallen during the past fortnig Demand for BOTANICAL DRUGS at the p sent time is very limited; dealers poi out that this may result in small coll tions of domestic new crops, which in tu could produce shortages later in the ye A decline in European demand for Colo bian IPECACUANHA is given as the reas for the somewhat freer offerings report here. HYDRASTIS is easier in tone becau of the expected arrival of new-crop m erial in the near future. Buyers have be cautious in their purchases of CARNAU WAX and prices have declined furthe No. 1 Yellow is now available at 87 ce per lb. against 89 cents in the previo week, and No. 3 N.C. is now 68 ce compared with the former price of cents. The MENTHOL market remains qu with the trade awaiting further inform tion on the new Brazilian productic Activity in ESSENTIAL OILS has be sporadic. PATCHOULI is easier and is n quoted at $22.50, while Spanish Ros MARY has declined from $1.15 to $1 p lb. Chinese ANISE has further decline current spot quotations are at $1 p pound, but this price may be shaded. the other hand, CASSIA is firmer a $2.25 per lb. is asked for supplies on t spot.

Pharmaceutical Chemicals

BARBITONE.—Rates per lb. are as f lows:—1 cwt., 35s.; 28 lb., 36s.; 7 37s.; 1 lb., 38s. The SODIUM SALT is per lb. more than the base.

BENZOIC ACID. — B.P. quality is n quoted from 2s. 4d. to 3s. 2d. per lb.; t SODIUM SALT is from 2s. 2d. to 3s. per l

BENZYL BENZOATE. — Makers offer B. grade at from 4s. 3d. to 5s. per lb.

CHLOROXYLENOL.—B.P. quality is quot at 5s. 6d. per lb. in 1-cwt. drums.

CHOLESTEROL. — In 1-kilo lots, pu is about 126s. per kilo; 75 per cent. 98s. and 50 per cent., 80s. 3d. per kilo.

CHRYSAROBIN. — Quotations are fro 35s. to 35s. 9d. per lb.

ETHER.—SOLVENT, B.P., and TECHNIC grades are now at the same prices, as f lows:—1-ton, 1s 6½d. per lb.; 10-cw

. 7½d.; 5-cwt., 1s. 8½d.; smaller quanti-es from 1s. 9½d. to 1s. 11d. per lb.

NÆSTHETIC, B.P., is unchanged, 1-ton is . 5½d. per lb.; 10-cwt., 2s. 6½d.; 5-cwt., 7½d.; 1-cwt., 2s. 8d.; smaller quantities, om 2s. 9½d. per lb. The foregoing rates e for ethers packed in winchesters; in rboys or drums, 1½d. per lb., less.

HOMATROPINE.—Makers' prices per oz., e as follows (prices per gm. in brackets): LKALOID.—1 oz., 97s. 6d.; 4 oz., 92s. 6d.; oz., 87s. 6d. (4s.). HYDROCHLORIDE, YDROBROMIDE and SULPHATE.—1 oz., 75s.; oz., 70s.; 16 oz., 65s. (3s. 2d.).

HYDROCYANIC ACID.—B.P.C. (Scheele's) quoted at 1s. 5½d. per lb. and B.P. at . 1½d. per lb.

HYPOPHOSPHITES.—Makers' rates per lb. r 7-lb. lots are: AMMONIUM, 9s. 3d.; ARIUM, 6s. 3d.; CALCIUM, 4s. 11d.; IRON, . 4d.; MAGNESIUM, 7s. 9d.; MANGANESE, . 5d.; POTASSIUM, 6s. 1d.; SODIUM, . 7d. HYPOPHOSPHOROUS ACID.—In win-esters prices are around 6s. 2d. per lb.; carboys, 5s. 10d. per lb. asked.

ISOPROPYL ALCOHOL. — Makers quote s. 3d. per gall. for small lots.

LACTOSE.—English, 5-ton lots in 2-cwt. n-returnable kegs, is £130 per ton; 10-t. lots, £133 10s. per ton; less than -cwt., £135 per ton. In 1-cwt. non-turnable kegs prices are 1s. more, and in cwt. paper-lined bags, 5s. per cwt. less an the above rates.

POTASSIUM PERMANGANATE. — Current tes for home trade for material packed 1-cwt. drums are as follows:—

QUANTITY	B.P., per lb.	TECHNICAL, per cwt.
1 cwt.	1s. 6d.	153s.
3 cwt.	1s. 5½d.	149s.
5 cwt.	1s. 5d.	144s.
1 ton	1s. 4½d.	139s. 6d.
5 ton	1s. 4d.	135s.
10 ton	—	133s.

t, delivered nearest railway station in eat Britain; drums charged extra and urnable. In 5-cwt. drums prices are 1s. r cwt. less than above. Contracts: 1 upwards, six months.

SALICYLIC ACID.—In steady demand at e recently increased prices. Makers' es per lb. for B.P. are as follows:— wt., 2s. 3½d.; 1-cwt., 2s. 4d.; 28-lb., 8d.; 14-lb., 2s. 10d.; 7-lb., 2s. 11½d.

SODIUM SALICYLATE.—Makers' scale of ices is as follows:—5-cwt. lots, 2s. 8½d.; wt., 2s. 9d.; 28-lb., 3s. 2d.; 14-lb., 4d.; 7-lb., 3s. 5½d. per lb.

THEOPHYLLINE. — Prices of ALKALOID nge from 60s. to 65s. per lb., as to quan-y; with ethylene diamine (AMINOPHYL-NE B.P.), 57s. 6d. to 60s. per lb.

ZINC OXIDE. — A further increase of 15s. per ton took place on May 2. P., in 2-ton lots, is now £103 15s. per n, delivered.

Crude Drugs

ACONITE.—Indian is offered at 285s. per cwt., on the spot; *napellus*, quoted at 3s. 6d. per lb., spot, duty paid.

AGAR.—Kobé No. 1 on the spot is offered at from 9s. 6d. to 10s. per lb.

ALOES.—Cape is quoted at 115s. per cwt., spot; no offers from source. Curaçao is quoted at 225s. per cwt., spot; forward, 215s., c.i.f.

ARECA NUTS.—Spot quotations are from 45s. to 60s. per cwt., as to quality.

ASAFETIDA. — Persian block on spot is quoted at prices from £14 10s. to £24 per cwt., as to grade.

BALSAMS. — *Canada* on the spot is quoted at 18s. 6d. per lb. Pará *Copaiba* is offered at 8s. per lb., duty paid, and 7s. 6d. in bond. *Peru* is offered at 7s. per lb., duty paid. *Tolu* is quoted at from 18s. 6d. to 18s. 9d. per lb., spot.

BENZOIN.—Quiet. Sumatra block on the spot is quoted at from £18 to £19 per cwt.; Siam block, 22s. per lb., spot, nominal.

BUCHU.—Short rounds are offered for shipment at about 2s. 8d. to 2s. 8½d. per lb., c.i.f. Spot quotations are at 3s. per lb.

CALUMBA.—Natural unwashed sorts are quoted at from 75s. to 80s. per cwt., spot.

CAMPHOR.—An improvement reported in the demand for Chinese tablets which are quoted from 5s. 3d. per lb. for ¼-oz. and from 5s. for ½-oz.; 2½-lb. slabs are from 5s. per lb.; all duty paid, spot London. Chinese refined powder (B.P.) is offered at from 3s. 9d. to 4s., duty paid.

CANTHARIDES. — Quiet. Supplies of Chinese are at 5s. 6d. per lb.; for shipment, 4s. 6d., c.i.f.

CARDAMOMS.—Green Aleppy on the spot, quoted at from 17s. to 18s. per lb.; Aleppy seeds, of good quality, are quoted at 25s. 6d. per lb.; split, 23s. per lb., spot. Mangalore B's, quoted at 19s. 6d. to 20s. per lb., spot.

CASCARA SAGRADA.—Spot quotations for 1949 bark are from 285s. per cwt., duty paid; a small quantity of 1945 is offering at 300s. per cwt., duty paid.

CATECHU.—April-May shipment is quoted 115s. per cwt., c.i.f.

CHERRY BARK.— Supplies on the spot are quoted at 2s. 2d. per lb., duty paid.

CHILLIES.—Sierre Leone on the spot is quoted at 295s.; May-June shipment, 280s., c.i.f. Nigerian, May-June shipment, is quoted at 230s., c.i.f.

CLOVES.—Quiet. Zanzibar is offered at 1s. 9½d. per lb. on the spot; for shipment, 1s. 10¾d., c.i.f. Madagascar is offering at 1s. 8½d. per lb., in bond.

COLCHICUM. — Corms on spot are quoted at from 2s. 9d. to 3s. 6d. per lb., as to test; seeds, from 7s. 6d. to 9s. per lb., spot, duty paid.

ERGOT.—Portuguese is quoted at from 24s. 6d. per lb., on the spot, but is attracting no interest. Business is reported in Russian at 22s. per lb., spot.

GAMBOGE.—Siam pipe is offered at £40 per cwt., duty paid; powder, 11s. per lb.

GENTIAN.—French on the spot is quoted at from 90s. to 92s. 6d. per cwt.

GUM ACACIA.—Kordofan cleaned sorts on the spot, offered at 85s. per cwt., spot London or Liverpool; May-June shipment, 80s. 6d., c.i.f. Bleached gum, 145s., spot. Talha is 50s. per cwt., on spot; shipment, 47s. 6d., c.i.f.

HONEY. — Prices for manufacturing grades are as follows:—1-cwt., 90s.; 5-cwt., 86s.; 10-cwt., 83s.; 1-ton, 80s. per cwt., carriage paid in U.K., packed in 60-lb. drums. Refined honey: In 56-lb. tins, 100s.; 28-lb., 115s.; cases of four 7-lb., 130s. per cwt., carriage paid.

HYDRASTIS.—Spot quotations are from 40s. to 42s. 6d. per lb., duty paid.

IPECACUANHA.—Nicaraguan is quoted at 36s. 6d. to 37s. per lb.; May-June shipment, 33s., c.i.f. Colombian is quoted at 32s. per lb., spot, and 29s., c.i.f., for shipment.

JALAP. — Mexican root on the spot is offering at from 3s. 3d. to 3s. 6d. per lb., according to test. A parcel of Brazilian (12.7 per cent. resin) is quoted at 2s. per lb., spot London.

KARAYA. — Selected is offered at 290s. per cwt., spot; No. 1, 255s.; No. 2, 215s.; No. 3, 180s.

KINO.—Indian on the spot is quoted at 6s. 9d. per lb.

KOLA NUTS.—African quarters are from 4½d. to 5d. per lb. and halves at 4d., spot London.

LANOLIN.—B.P. anhydrous is £120 per ton; hydrous, £90. Superfine anhydrous is quoted at £126 per ton.

LIQUORICE.—Steady. Anatolian natural root on the spot is quoted at from 52s. to 54s. 6d. per cwt. Turkish block juice is quoted at from 160s. to 230s., duty paid, according to holder. Turkish stick is from 300s., duty paid. Italian stick is from 285s. to 475s. per cwt., duty paid, for druggists' grades.

MALT EXTRACT.—B.P. quality is quoted at 86s. per cwt. in 1-cwt. or 56-lb. returnable drums; with COD-LIVER OIL (15 per cent. v/v.) the price is 99s. 6d. per cwt.; carriage paid.

MENTHOL. — Covering-in activity has been responsible for a firmer tone in the market, and 77s. 6d. per lb., c.i.f., is asked for supplies of Brazilian afloat; May-June shipment is quoted at 77s. 6d., c.i.f.; spot quotations are at 84s. per lb., duty paid. Chinese is offered at 87s. 6d. per lb., duty paid (82s. 6d., in bond), spot London; for shipment, 76s., c.i.f., indicated.

MERCURY. — Spot quotations are fro £17 7s. 6d. to £17 10s. per flask, ex war house. An easier market.

MYRRH.—Aden sorts, spot, offered at £1 per cwt.; siftings are at £6 10s. to £7.

NUTMEGS. — West Indian 80's quote 2s. 9d., on spot; sound unassorted, 2s. 1c spot. East Indian 80's offered at 2s. 10 per lb., c.i.f. Continent.

NUX VOMICA.—Cochin is offered at 40 per cwt., spot; Cocanada, 35s. per cwt spot.

OLIBANUM.—Good drop is quoted at fro 220s. to 225s., and medium drop at 190s peas are 200s.; fair garblings, 125s., sif ings are dearer at 110s. per cwt., spot.

ORANGE PEEL.—Thin cut Tripoli is qu ted at 1s. 1d. per lb., duty paid, spot bitter quarters are 1s. 3d. per lb., dut paid.

ORRIS ROOT.—Verona is quoted at 65 per cwt., ex wharf London.

PAPAIN. — East African white, on tl spot, is from 15s. to 16s. 6d. per lb Ceylon brown, from 11s. to 12s., spot.

PIMENTO. — Spot quotations are fro 1s. 5¾d. per lb.; for shipment, 168s. 6c c.i.f., quoted.

PODOPHYLLUM. — Indian (*emodi*) on tl spot is from 320s. to 335s. per cwt., a to test.

QUASSIA.—Quiet. Chips on the spot a quoted at from 32s. to 35s. per cwt., c.i.

QUILLAIA.—Natural bark on the spot 160s. per cwt.; to arrive, 140s., c.i.f.

SEEDS.—Prices of ANISE are unchange Turkish is quoted at 152s. 6d. per cw in bond, and 162s. 6d. per cwt., duty paic Egyptian is 150s. per cwt., in bond; a spot London. CARAWAY.—Quiet. Dutch 122s. 6d. per cwt., duty paid, spot Lo don. CELERY.—More inquiry. Indian quoted at 1s. 9½d. per lb., spot Londor French is dearer at 220s. per cwt., dut paid, in London. CORIANDER.—Spot pric are firm and unchanged. Morocco is 110 per cwt., duty paid, and 105s. per cw in bond. Old-crop, for prompt shipme is quoted at 87s. 6d. per cwt., c.i.f. Lo don. A little business is reported in ne crop supplies for July-August shipment 67s. 6d. per cwt., c.i.f. London. CUMIN.- Market firm. Spot Morocco is 170s. p cwt., in bond, and 180s. per cwt., du paid. Old-crop, for prompt shipment, 185s. per cwt., c.i.f. London; new-cro for July-August shipment, is quoted 155s. per cwt., c.i.f. London. New-cr Cyprus for July-August shipment, 150 per cwt., c.i.f. London paid. DILL.- Quiet and unchanged at 62s. 6d. per cw spot, London. FENNEL.—Market continu firm. Indian is 95s. per cwt., spot, Lo don. FENUGREEK.—Morocco is 55s. p cwt., duty paid in Liverpool, and 57s. 6 per cwt., in London. Indian is 62s. 6 per cwt., spot London only.

ENEGA. — Quiet. Spot quotations are n 10s. 9d. per lb.

ENNA.—Tinnevelly on spot, No. 1 es are from 9½d. to 11d.; No. 2, 8d. ½d.; No. 3, 7¾d. to 8d., nominal; No. 5¾d. to 6d. nominal. Tinnevelly pods from 8½d. to 11½d. per lb.; manufacng, from 5¾d. to 6d. Alexandrian pods, ium grades, are about 2s. 6d. per lb., manufacturing, 7d. to 7½d. per lb., . No better quality pods available.

TRAMONIUM. — Jugo-Slav leaves are ted at 80s. per cwt.; a parcel of Dutch es are offering at 11d. per lb., landed ns.

URMERIC.—Madras on the spot is quoat from 112s. 6d. to 120s. per cwt., o holder and quality.

ALERIAN.—Belgian root is quoted at n 210s. to 215s. per cwt., spot.

AXES.—Market continues quiet. BEES' ar-es-Salaam is quoted at 385s. per , spot; May-June shipment, 375s., c.i.f. guela in bond is 335s. per cwt.; shipat, 335s., c.i.f. Abyssinian is offered at s. per cwt., in bond; shipment, 335s., . Madagascar, FDE, is quoted at 345s. cwt., duty paid. CANDELILLA.—On the t, 430s. per cwt., quoted; June delivery, s. CARNAUBA.—Prime yellow on the , 880s. per cwt., asked; afloat, 865s., .; for shipment, 845s., c.i.f. Fatty y is quoted at 645s. per cwt., spot; at, 630s., c.i.f.; for shipment, 615s., c.i.f. NTAN.—Unchanged. Reibeck is quoted 50s. per cwt., spot; shipment, 127s. 6d., . OURICURI.—0.5 per cent. impurities, s. per cwt., spot; 1.5 per cent., 635s., .

VITCH HAZEL LEAVES.—Spot quotations at 3s. 3d. per lb.

Essential and Expressed Oils

LMOND. — A firmer market. Englishressed sweet oil (B.P.) is from 5s. 9d. 6s. 3d. per lb.; Spanish is quoted at n 3s. 3d. to 4s. 6d., as to grade. Bitter, p., on the spot, is from 24s. to 40s. lb., as to grade.

NISEED. — Quiet. Spot quotations are n 8s. 3d. to 8s. 9d. per lb. for drums; y-June shipment, 6s. 6d., c.i.f.

IRCH TAR.—Steady. Crude is offered s. per lb., spot London.

AJUPUT.—Quotations are from 21s. per ex warehouse, for B.P. oils.

AMPHOR.—In poor request. White oil the spot is quoted at from 2s. 2d. to 3d. per lb., duty paid; brown oil, from 4d. per lb., spot, duty paid.

ANANGA.—Java is offered at 28s. 6d. lb., spot, for small quantities.

ARAWAY.—English-distilled is offered at n 38s. 6d. to 40s.; imported oils are ofd at from 22s. 9d. to 26s. 6d. per lb., t, as to quality.

CARDAMOM.—English-distilled is quoted at from 450s. per lb.; imported, from 330s. to 350s., duty paid.

CASSIA. — Quiet. Spot quotations are from 16s. to 17s. per lb.; for shipment, 17s. 3d., c.i.f., quoted.

CINNAMON.—B.P. oil on the spot is quoted at prices ranging from 50s. to 100s. per lb. Bark oil is offered at from 17s. 6d. to 20s. per oz. Seychelles leaf oil is from 8s. to 9s. per lb., spot.

CLOVE.—English-distilled bud oil is offered at from 14s. 6d. to 15s. 6d. per lb., according to quantity; Zanzibar stem oil is quoted at 10s. 6d. per lb., spot.

DILL.—English-distilled oil is quoted at about 65s. per lb. for B.P. quality. Imported oils are offered at from 28s. to 55s. 3d. per lb., as to quality.

EUCALYPTUS. — Australian, 70-75 per cent. (B.P.), is valued at 5s. 3d. to 5s. 9d. per lb., spot; 80-85 per cent., 5s. 6d. to 6s. per lb.

GERANIUM.—Bourbon is quoted at from 124s. to 125s. per lb., spot; forward, 110s. to 115s. per lb., c.i.f. Algerian on spot is quoted at from 96s. to 100s. per lb.

JUNIPER BERRY.—Imported oils are quoted at from 19s. to 25s. per lb., duty paid; English-distilled, first quality, is offered at from about 75s. per lb.; B.P.C. oil is 25s.

LEMON.—A firmer market. Sicilian handpressed, 4 per cent. citral, on the spot is quoted at upwards from 24s. 6d. to 25s. per lb.; for shipment, from 22s. 6d. to 24s., c.i.f. Other grades (complying with B.P. standards) are offered at about 23s. 6d. per lb.

LEMONGRASS.—Spot quotations are from 14s. to 16s. per lb., as to quantity; May-June shipment, 13s., c.i.f.

LIME.—West Indian on spot is quoted at from 50s. to 53s. 6d. per lb., for good-quality oil.

NUTMEG.—Prices of English-distilled oil are at 32s. 6d. to 37s. 6d. per lb.; second-grade, 25s. per lb. Imported oil is offered at around 32s. 6d., duty paid.

PALMAROSA. — Dealers are asking from 50s. to 55s. per lb., spot.

PATCHOULI. — Singapore is quoted at 135s. per lb., spot; shipment, 115s., c.i.f. Seychelles, 125s. per lb., spot; 112s., c.i.f.

PEPPERMINT. — Quiet. Spot quotations for Chinese (*M. arvensis*) are from 43s. to 44s. per lb.; afloat, 40s., c.i.f.; May-June shipment, 36s., c.i.f. B.P. oil is offered at from 60s. to 65s. per lb. on the spot. English-distilled "Mitcham" oil is at 210s. to 220s. per lb.

TEASEED.—Refined oil is offered at from 23s. 3d. to 23s. 6d. per gall., ex refinery; May delivery, 22s. 6d., ex refinery.

THYME.—Steady. Red oil (40-42 per cent. phenols), 10s. 6d. to 12s. 6d. per lb.; white oil, 17s. to 18s. 6d. per lb., spot.

AUREOMYCIN AND GROWTH

From the Lederle Laboratories Division, American Cyanamid Co., New York, U.S.A., Drs. E. L. R. Stokstad and T. H. Jukes reported to the annual spring conference of the American Chemical Society in Philadelphia recently that aureomycin fermentation produced a growth factor for animals (pigs, chicks and turkeys) in addition to vitamin B_{12}. The amount of aureomycin needed to produce a growth response was small (about 12 mgm. per lb.), and when the drug was added to the ration approximately only one-half as much vitamin B_{12} was required. How aureomycin worked in increasing growth was not clearly understood. Since other antibacterial agents with widely differing chemical structures could produce similar effects, it seemed unlikely that the aureomycin was serving as a vitamin. It was more probable that it inhibited growth of certain detrimental micro-organisms in the intestinal tract which might rob the intestine of some unknown vitamin or produce a toxic compound. The use of feeding supplements containing aureomycin promised to give faster growth than has been obtained on many diets of natural ingredients.

TRADE MARKS

(*From "The Trade Marks Journal," April* 19)

For pharmaceutical preparations (5).—"Barboestryl"; by Les Laboratories Francais de Chimiotherapie, S.A., Paris; 682,721; "Acetocid"; by British Schering, Ltd., London, W.8; 684,806. "Nervone" (in distinctive lettering); by the New Era Treatment Co., Ltd., London, E.C.1; 684,880. "Milibis"; by Bayer Products, Ltd., London, W.C.2; 686,085.

For vulnerary sponges, surgical dressings, medical and surgical plasters and bandaging materials (5).—"Spontex"; by Sponcel, Ltd., Bromley; 683,788.

For toilet sponges and loofahs (21).—"Ocotex"; by Ioco, Ltd., Glasgow; 681,646.

(*From "The Trade Marks Journal," April* 26)

For industrial chemicals (1).—"Parasheen" "Parashade"; by Standard Oil Development Co., New York; 684,392-93.

For photographic chemicals and sensitised materials (1).—"Duostat"; by Photostat, Ltd., London, E.C.4; 685,317.

For non-medicated toilet preparations (3).—"Evening In"; by Bourjois, Ltd., Croydon; B656,498. "McKesson" and circular device of scales surrounded by laurel and words "McKesson—Quality since 1833"; by McKesson & Robbins, Ltd., London, E.C.4; B678,599-600. Triangular device; by Marjorie Egerton Storey and William Henry Storey, Cambridge; 685,496.

For detergents (3).—"Effesay"; by Nor Evans & Rais, Ltd., Manchester; B678,564.

For hair-washing preparations (3).—"Anmar"; by Anglomar, Ltd., Pinner; 680,499.

For medicinal bath salts (5).—"Perinol"; United Chemical Co., London, E.C.3; 650,396

For all goods (5).—"Solace"; by Hirst, Br & Hirst, Ltd., Leeds; B660,915.

For medicinal crystallised dextrose (5).—"I trosol"; by Corn Products Refining Co., York; B675,638.

For all goods excluding medicated wines or tary clothing (5).—"McKesson" and circ device for scales surrounded by laurel and w "McKesson-Quality since 1833"; by McKe & Robbins, Ltd., London, E.C.4; B678,601-02.

For pharmaceutical preparations (5).—"So F.A.O." on label device of negro's head; Compagnie Française de L'Afrique Occident Manchester; 680,291. "Irgapyrin"; by J. Geigy S.A., Basle; 680,351. "Fibodrine"; Ansun Proprietaries, Ltd., Newcastle-under-Ly 681,942.

For medicated toilet paper (5).—"Wil-Sa by J. Williams (Leeds), Ltd., Leeds; 684,165.

COMING EVENTS

Monday, May 8

Birmingham Branch, Pharmaceutical Soci Imperial Hotel, Temple Street, Birmingham, 7.45 p.m. Annual meeting.

South Shields Pharmacists' Association, Do Café, Ocean Road, South Shields, at 7.30 p Debate "That health centres are the only ef tive way to meet the heavy dispensing dema of the National Health Service," proposed Messrs. Turner Bell and A. D. Kingh opposed by Messrs. A. L. Willis and A. Power.

Tuesday, May 9

Birmingham Pharmaceutical Association, perial Hotel, Birmingham, at 8.30 p.m. An meeting

Birmingham Branch, National Pharmaceut Union, Imperial Hotel, Birmingham, at p.m.

Hounslow Branch, Pharmaceutical Society, Hotel, Hanworth Road, Hounslow, at 8 p Annual meeting.

West Middlesex Chemists' Association. George's Hall, Y.M.C.A., Bond Street, Eal London, W.5, at 8 p.m. Addresses by k candidates for Council election.

Wednesday, May 10

London Chemists' Golfing Society, fixture Finchley Golf Club (Telephone: Finchley 24

Thursday, May 11

King's Lynn Branch, National Pharmaceut Union, Duke's Head Hotel, King's Lynn, a p.m. Annual meeting and address by Mr. R. Dewhurst.

Harrogate Branch, Pharmaceutical Society, F ler's Café, Parliament Street, Harrogate, at 7 p.m. Special meeting.

Association of Glasgow Pharmacists, Cen Halls, 25 Bath Street, Glasgow, at 7.45 p Discussion on "N.H.S.—Can we afford a cut

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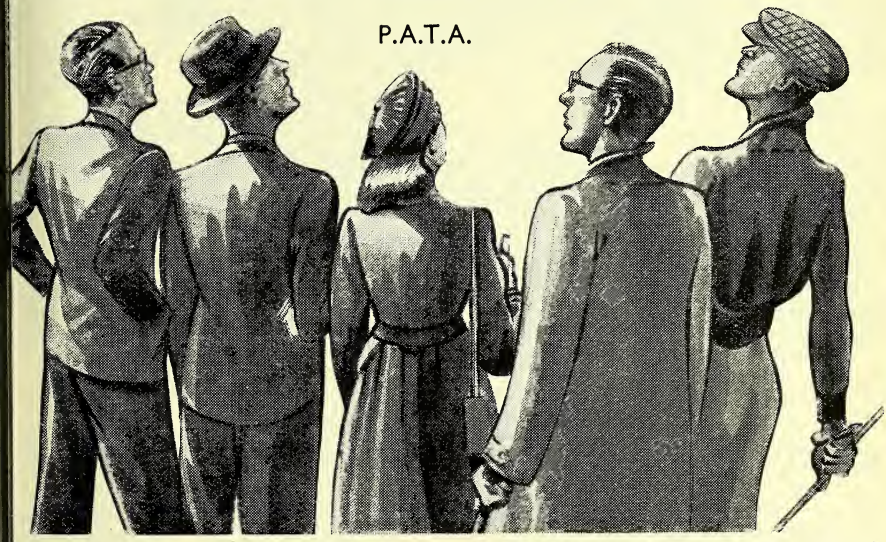

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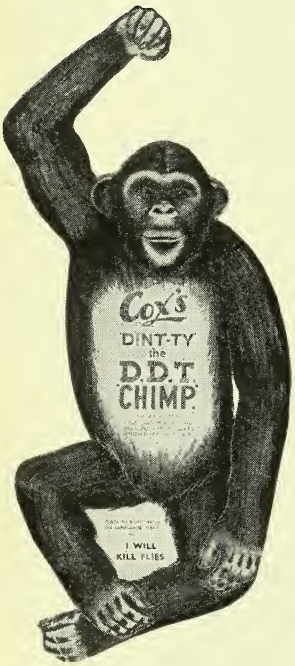

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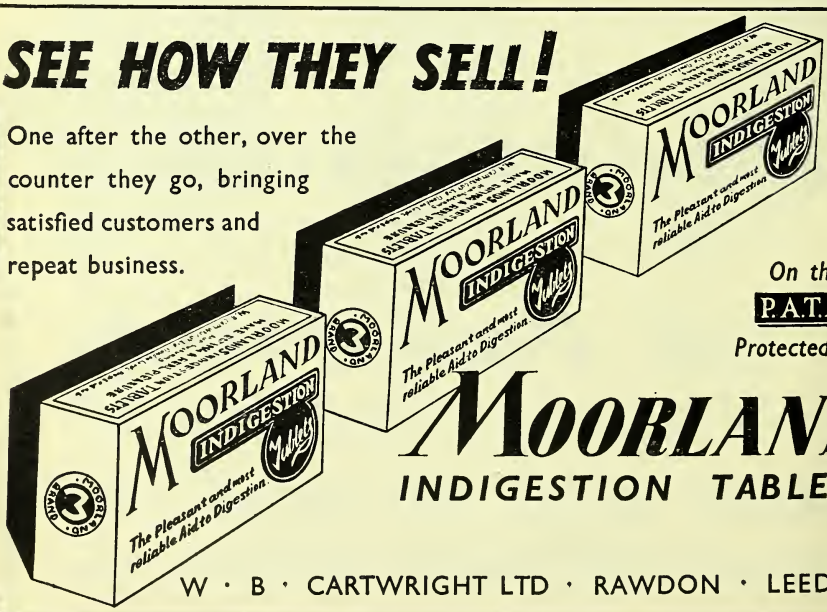

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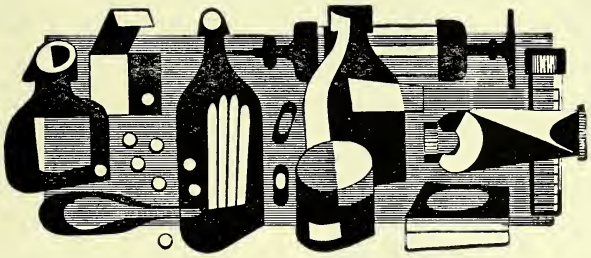

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Among the advantages of '*Aminacyl*' which result from its special refinement in manufacture is its practical freedom from the toxigenic impurities found in crude P.A.S. Furthermore, as a safeguard against intolerance, '*Aminacyl*' is presented in dragées, thus entirely obviating the very unpleasant effects of oral P.A.S. administration in powder form. Since plain P.A.S. is unstable, '*Aminacyl*' provides the drug in stable form as its sodium salt, both in the dragées and in sterile ampoules of solution for topical use.

Clinical findings of leading authorities indicate that '*Aminacyl*' is a virtually non-toxic, well tolerated, stable tuberculostatic of intense therapeutic effect and that it will be optimally employed in conjunction with streptomycin in all sanatoria and for domiciliary treatment pending patients' hospitalization.

Aminacyl

Supplied in Dragées and Ampoules; 'Aminacyl' Powder in containers of 1 kg. and 5 kg. For details of packs and prices apply to:

A. WANDER LIMITED,
42 Upper Grosvenor Street,
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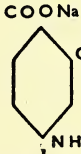

refined P.A.S (sodium salt)

Descriptive literature as mailed to sanatoria and doctors may be had on request.

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Firm Favourites!

with every member of the family . . . .

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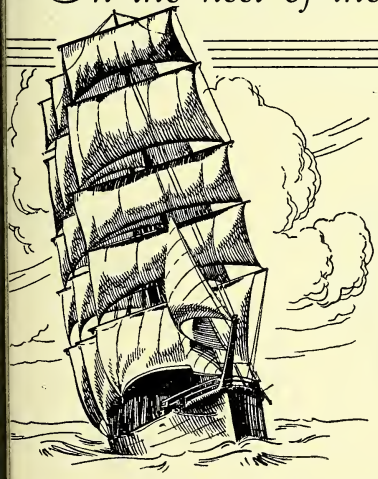

Just as in earlier years the power of the trade winds was vital to the maintenance of commerce so the power of good printing is vital to the modern business house today. What is more, the production of good print, like the handling of sail, calls for a lifetime of experience.

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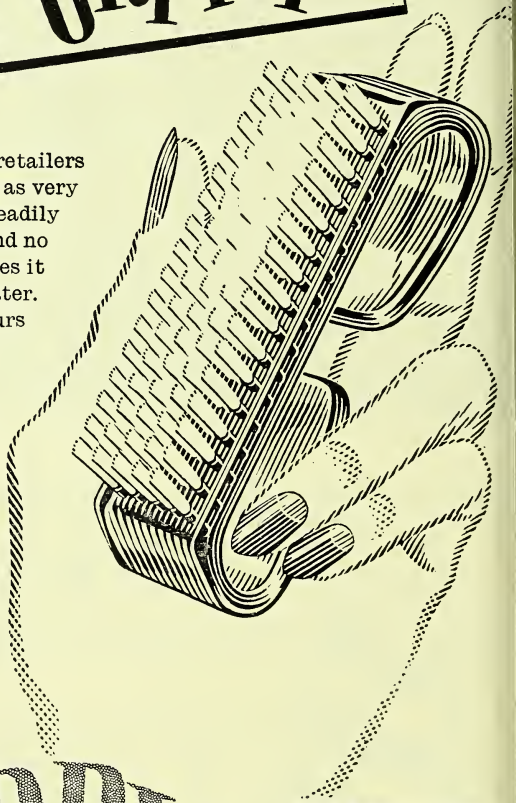

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ADDIS LTD., BRUSH WORKS, HERTFORD

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Tangee PRESENTS THE NEW 2/6 SIZE

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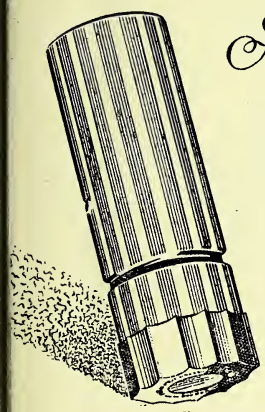

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★ MEDIUM-RED
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★ NATURAL

Tangee creates a double triumph by the introduction of this 2/6 size. A newly perfected formula . . . finer texture — easier to apply — does not smear. In six flattering shades and exclusive "Petal Finish". And now that it is available in this new and attractive "Goldtone" Case, an even wider market awaits it.

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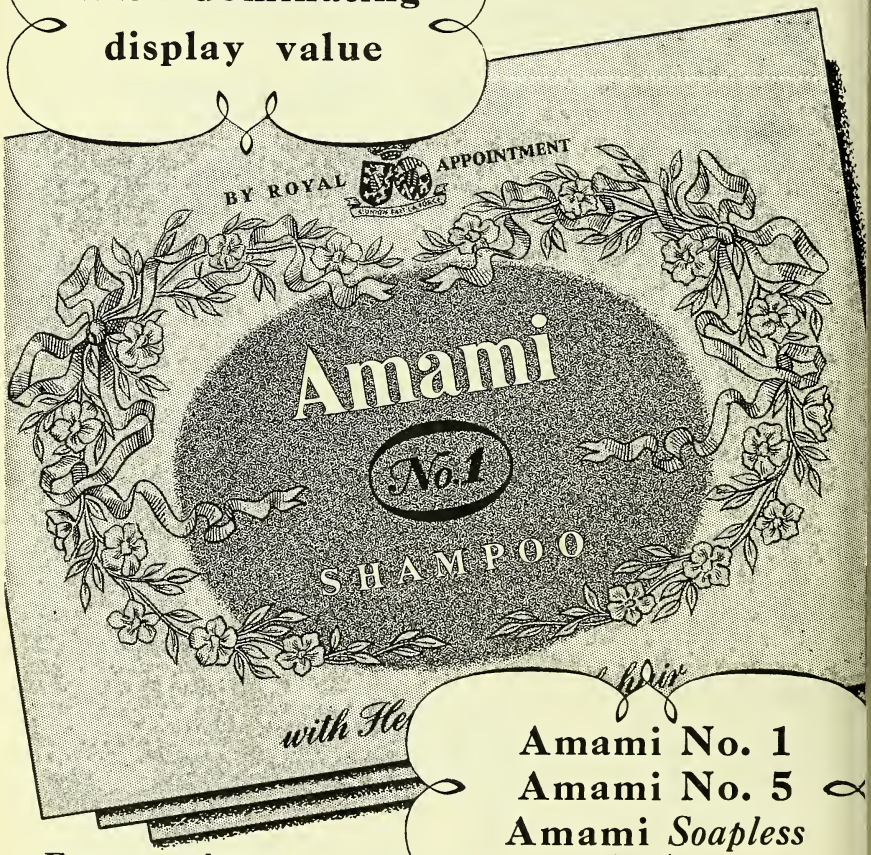
With dominating display value



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Eye-catching feminine appeal . . .

You have only to place these new **Amami** packs on the counter—in the window—to realise their *quality*, their *appeal*, their power to catch the eye and leave a very favourable impression. These new **Amami** packs are meeting with huge support from the Trade. Enquiries, please, to:

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for intramuscular injection
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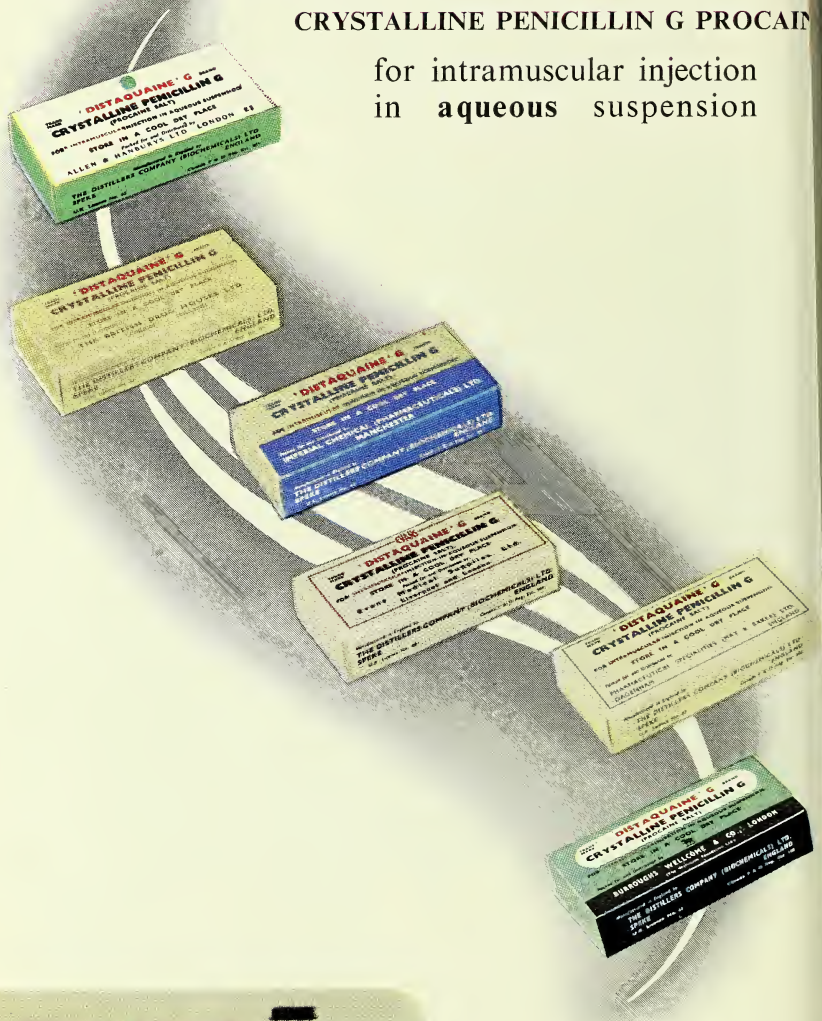

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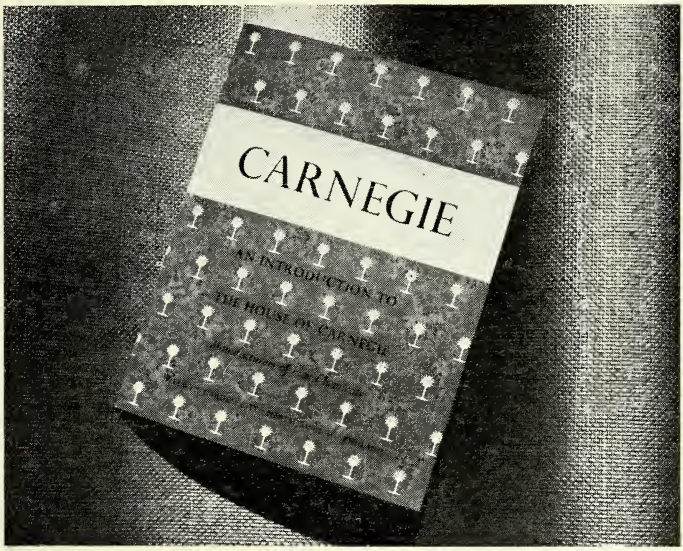

We hope to meet all our friends at Stand No. B.3 at Olympia where copies of the above illustrated brochure will be available. We shall be pleased to send copies on request to those unable to attend.

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Olympia May 8th—19th

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Terms: 33⅓% discount to retailers.

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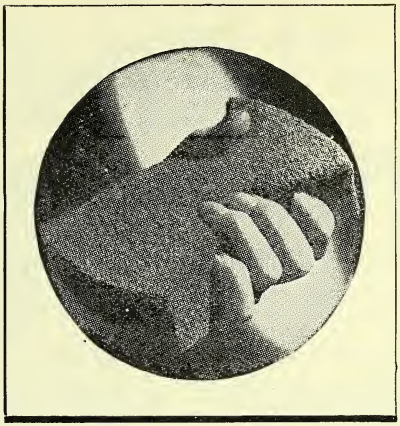

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ponges for toilet. Sponges for the house. ponges that lap up water like a desert. Soft, ilky, even-textured. Hard-wearing and hygienic. n happy colours. E.R.C. know all the secrets of naking super sponginess in long-lasting sponge ubber. Show "Zote" and "Zulu" sponges— hey will sell fast!

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Can be recommended with confidence. Nationally advertised

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WILL MAKE YOUR PROFITS JUMP

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Special Introductory offer

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P.A.T.A.

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The Complete Pharmacy Service

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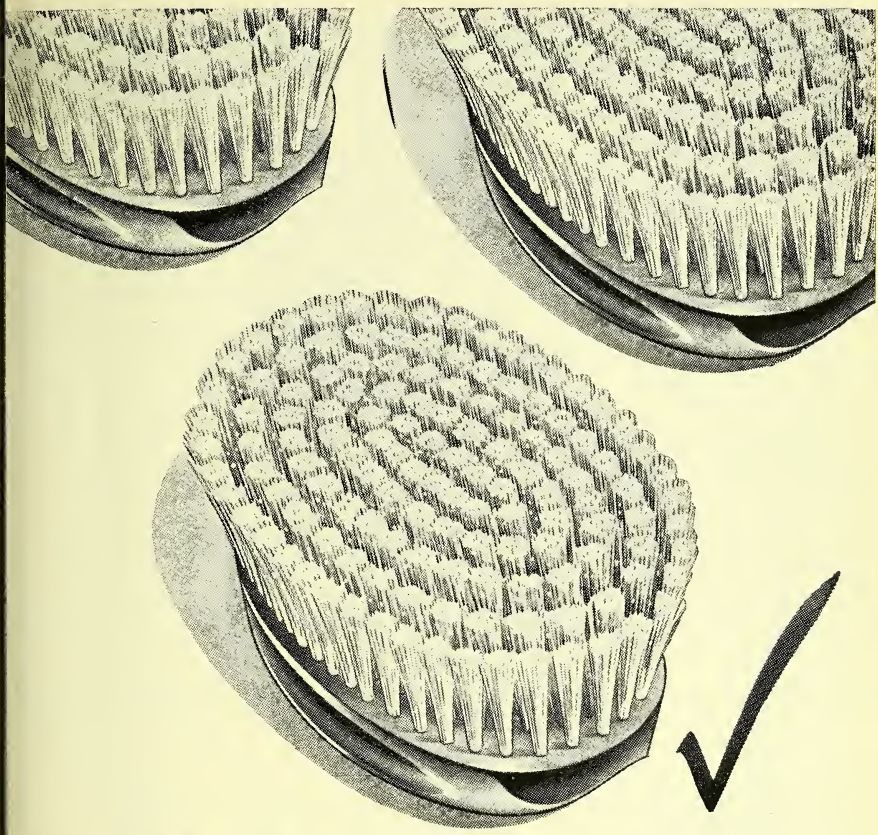

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Perfumed Eau de Colognes
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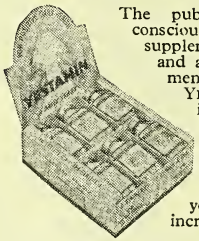

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Less 5% cash in 14 days

Vitamin B.1 .....2.10 mgms. per oz.
Riboflavin B.2 .....1.45 mgms. per oz.
Niacin .....9.5 mgms. per oz.

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LIME JUICE

Ask for Rose's Diabetic Lime Juice, specially prepared without added sugar for the enjoyment of Diabetics—3/3 a bottle. Also Lemon and Orange Squashes—3/- a bottle.

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The medically tes family laxative

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The original world-famous skin ointment

C. E. FULFORD products are "household names." They are in everyday demand, consistently advertised, and show handsome retailer profits. By regularly buying on DIRECT DISPLAY PARCEL TERMS and agreeing to give periodical Window Displays you gain extra maximum profit on every sale. Write now or ask our representative for price list and attractive show matter.

MINIMUM PARCELS *£3 value assorted products* / *£2 value any one product*

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Antiseptic throat and chest tablets

ZAM-BUK MEDICINAL CREAM
The new white, non-greasy skin Cream

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The new hæmorrhoidal treatment

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Supplement your lipstick sales with the profit-making line that women everywhere have waited for! LIP-COTE—the only preparation of its kind—applied over lipstick, definitely safeguards against smear, while enhancing lip beauty. Widespread national advertising now being launched. Send for details, including attractive trade terms to:—

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THE SYMBOL OF

QUALITY AND SERVICE

SPECIALISTS IN THE MANUFACTURE OF

Aspirin Salicylates and Allied Products

Although Aspirin and Salol are readily available, certain Salicylates are still in short supply but we will do our best to meet your requirements.

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Retails at
1/6
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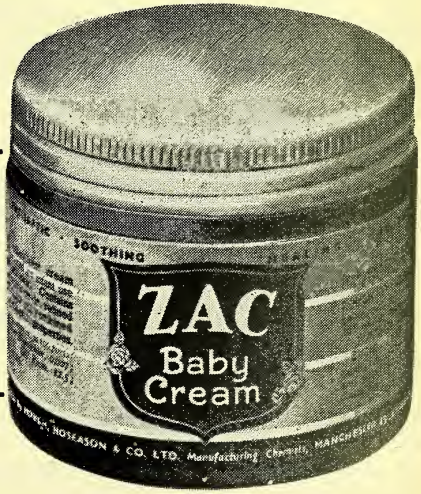
2/6
double quantity



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FULL PROFIT MARGIN

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★ NATIONAL ADVERTISING CAMPAIGN IN FULL SWING—
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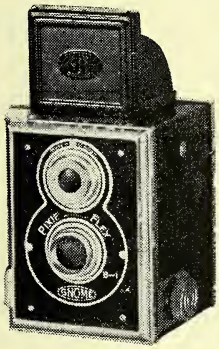

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Rapid meniscus lens of highest quality.

Instantaneous and Brief Time Exposure. New push button shutter release.

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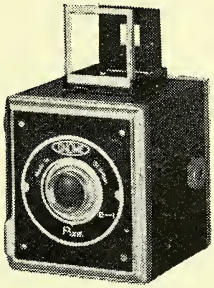
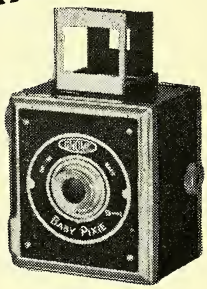


" PIXIE "
12 Exposures $2\frac{1}{4}$ x $2\frac{1}{4}$ on 620 film.



" BABY PIXIE "
16 Exposures $1\frac{5}{8}$ x $2\frac{1}{4}$ on 620 film.

Eye-level direct vision view-finders for accurate picture composition coupled with speedy, simple action.

Shutters have instantaneous and brief time positions.

Rapid meniscus lens of highest quality.

All metal construction throughout.

Attractively finished black and chrome.

Price, Tax Paid

" PIXIE "		" BABY PIXIE "	
Model I	£2 16s. 8d.	Model III	£2 10s. 11d.
Model II	£3 8s. 1d.	Model IV	£3 2s. 5d.
Ever Ready Case	10s. 10d.	Square Canvas Cases	6s. 11d.

Ask your dealer for details or write direct to manufacturers :—
GNOME PHOTOGRAPHIC PRODUCTS, LTD., 354 CAERPHILLY RD., CARDIFF

NATIONAL ADVERTISING
(PLUS BONUS OFFER) BRINGS EXTRA PROFIT TO

NUZORA—the brilliant new addition to the Anzora range—means business! Novel advertisements are now appearing in a nation-wide campaign to launch this popular hairdressing discovery. At the same time, the attractive Bonus Offer, detailed below, is available to all Stockists. It's going to be a big Anzora year for everyone!

ANZORA TRADE MARK

STOCKISTS

BONUS OFFER
in addition to
5%
discount on orders of 3 doz. mixed parcel, you can enjoy a further 5% discount. for the following order:

- 1 DOZ. Anzora, small.
- 1 DOZ. Viola, small.
- 1 DOZ. Nuzora.
- 1 DOZ. After-Shave Lotion.
- ½ DOZ. Brilliantine, Violet.
- ½ DOZ. Brilliantine, Jasmine.

THE COMPLETE RANGE OF ANZORA BEST SELLERS

- ANZORA Cream and Viola
- ANZORA Brilliantine Violet and Jasmine
- ANZORA After-Shave Lotion
- NUZORA Hair Dressing Contains no gum or starch

FASSETT & JOHNSON LTD · 86 Clerkenwell Road, London, E.C.1

STERILIZED CLEANING CLOTHS

WHITE WIPERS	@	130/- cwt.
COLOURED WIPERS	@	87/6 cwt.
WASHED MUTTON CLOTH	@	3/- per lb.

Carriage extra. Prompt dispatch.
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Developing & Printing
ONE DAY SERVICE ..... Usual trade discount
SHOWCARDS ORDER PADS, Etc. SUPPLIED FREE
ORMSKIRK
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WE WANT MILLAMALT

Sole Manufacturers: JEFFREYS, MILLER & CO. LTD., *Leyland Mills, Wigan. (London Dept. 19 Brookside Rd. N.19)* BECAUSE OF THE BUTTERSCOTCH FLAVOUR

Surgical & Manicure Specialists Ltd
SHEFFIELD 3: ENGLAND
We manufacture all kinds of:-
SCISSORS · TWEEZERS · FORCEPS · NAIL & MANICURE FILES
In Stainless Steel—Nickel Plated and Chromium over Nickel

Our order books are full for some time ahead, and immediate deliveries cannot be promised. We shall, however, welcome your enquiries for forward deliveries. *(WHOLESALE ONLY SUPPLIED)*

TENS OF MILLIONS OF DOLCIN

Reg. Trade Mark

TABLETS WERE SOLD IN 1949

YOU CAN ENSURE YOUR SHARE OF THE 1950 SALES BY WINDOW & COUNTER DISPLAY TO LINK YOUR BUSINESS WITH THE INCREASED ADVERTISING

PRICES:

DOLCIN 600'S (Dispensing) 31/6 per unit Plus 10/6 P.T.
DOLCIN 500'S 324/- per dozen plus 108/- P.T. (Retail 45/- per bot.)
DOLCIN 100'S 72/- per dozen plus 24/- P.T. (Retail 10/- per bot.)

Please order Dolcin from your wholesaler

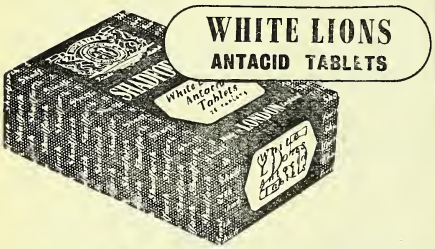
Show material for Dolcin can be obtained from:
Sole Distributors: **Tampax Ltd., 110 Jermyn Street, S.W.1**

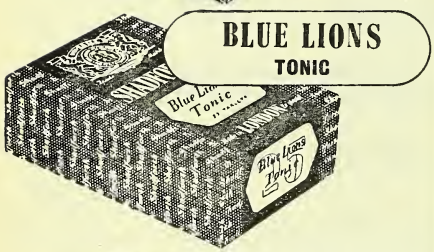
SHADFORTH

LIMITED

Proudly Present

THREE PROVED SELLERS IN NEW PACKS





INCREASED TRADE DISCOUNT

These new packs carry 33⅓% discount backed by **National Press Advertising** to send you new customers.

Come and see the new packs at the **British Industries Fair.**

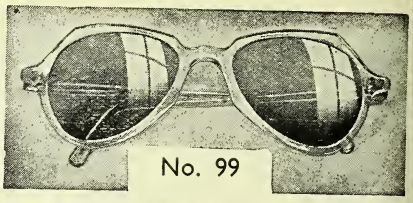
STAND D. 42

CHEMISTS SECTION, OLYMPIA.

SHADFORTH LTD.

Manufacturing Chemists

49, KING WILLIAM STREET, LONDON, E.C.4



Our SUNGLASSES and CLIPOVERS
(the quality for the pretentious customer)
ARE NOTABLE FOR THEIR
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Descriptive price List on request
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STANDARD PRICES
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VETERINARY COUNTER PRACTICE

indispensable to the rural pharmacist. Profitable to the town pharmacist. 15/- postage 6d.

THE CHEMIST & DRUGGIST,
28 Essex Street, London, W.C.2

When your customer wants a tonic ... say-

'SANATOGEN'

REGD. TRADE MARK

Now available in 3 sizes

PRICES:

RETAIL (INC. TAX)	TRADE
4 oz. 5/6 ea.	40/- doz.
8 oz. 10/6 ea.	76/3 doz.
2 lb. 37/7 ea.	22/10 ea.

Subject to Parcel Discount

A 'GENATOSAN' PRODUCT DISTRIBUTED BY

BRITISH CHEMICALS & BIOLOGICALS LIMITED

Loughborough, Leics. *Telephone: Loughborough 2292*

T48

Velouty de DIXOR

Shades: IVORY, NATURAL, PEACH, SUNGOLD, OCHRE

The ORIGINAL combined POWDER CREAM

From your usual wholesaler or direct

DIXOR LTD. St. Leonards Works, Mortlake, S.W.14

At last we can now offer

The 'SANDRA' TERRY FACE CLOTH

Each individually wrapped in attractive printed cellophane bags. A quick and ready seller at all times — order *NOW* for the coming season.

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P.A.T.A.

"NO MORE SHAMPOO DRYNESS FOR ME"

"Just a few drops of tonic brillantine bring back the lustre to my hair, and keep it glamorous all day long."

Delavelle Blue Orchid Tonic Brillantine

2/3 and 3/9, from leading chemists, hairdressers and stores. If any difficulty, write Delavelle Perfumeries, London, N.1., giving name of retailer.

IT'S NEW!

Not just another brillantine. A *new* hair beautifier with an added tonic, and perfumed with Delavelle's exclusive "Blue Orchid" fragrance.

IT'S NEWS!

Advertising is swinging into its stride in National and Provincial papers, and in a wide range of Women's Magazines. "Blue Orchid" Tonic Brillantine is going to town and country in a big way.

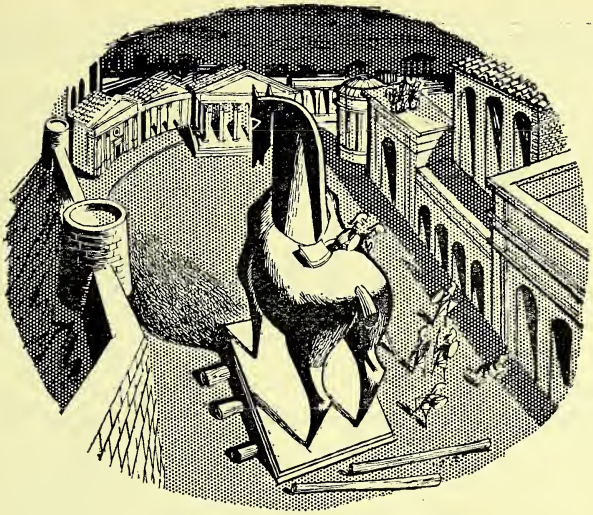
AND A *Blue Orchid* WINDOW DISPLAY BONUS OFFER

which entitles you to a free supply of this Brillantine. Write for particulars now.

delavelle

38/46 ORSMAN RD., LONDON, N.1

Telephone: Clerkenwell 6066
Telegrams: Parfumerie, London



PENETRATING POWER

is more than half the battle

However potent an antifungal agent, it cannot be effective against "athlete's foot" or other fungous conditions of the body unless it readily penetrates the skin. 'Tineafax' Ointment contains undecylenic acid (recognised as a highly efficient fungicide) in a base of exceptional penetrating power. Bland, non-irritant, non-staining, it clears most cases of athlete's foot in from 7 to 21 days. 'Tineafax' Ointment is issued in collapsible tubes of 1 oz. (approx.); 'Tineafax' Powder, for prophylactic use, in convenient sifter-top tins. Both retail at 2/6d. plus 7½d. tax. For dispensing purposes, 'Tineafax' Ointment is now issued also in jars of 1 lb., at a list price of 24/- plus 6/- tax.

'TINEAFAX' BRAND

Compound Undecylenate Ointment and Undecylenate Powder

BURROUGHS WELLCOME & CO. *(THE WELLCOME FOUNDATION LTD.)* LONDON

NEW POWERFUL BACTERICIDE

BRADOSOL

(Rideal-Walker coefficient 450)

Non-irritant antiseptic for hospital and general use
Effective in low concentrations

Wounds and burns Pre-operative hand and skin disinfection Obstetrics and Gynaecology Urology Dermatology Gargle and Mouthwash Disinfection of instruments, utensils and linen Air disinfection

Bradosol solutions are detergent and penetrate tissue surfaces, facilitating cleansing and the removal of grease

Bradosol is β-phenoxy-ethyl-dimethyl-dodecyl ammonium bromide, a quaternary ammonium compound. It is supplied as a pleasantly perfumed 5% aqueous solution ready for dilution.

Bottles of 2 fl. ozs. (3/-), 20 fl. ozs. (23/6) and 80 fl. ozs. (80/-).
Retail Discount 33⅓%; Purchase Tax extra
Please apply for literature and sample

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('Bradosol' is a registered trade mark)

CIBA LABORATORIES LTD · HORSHAM · SUSSEX

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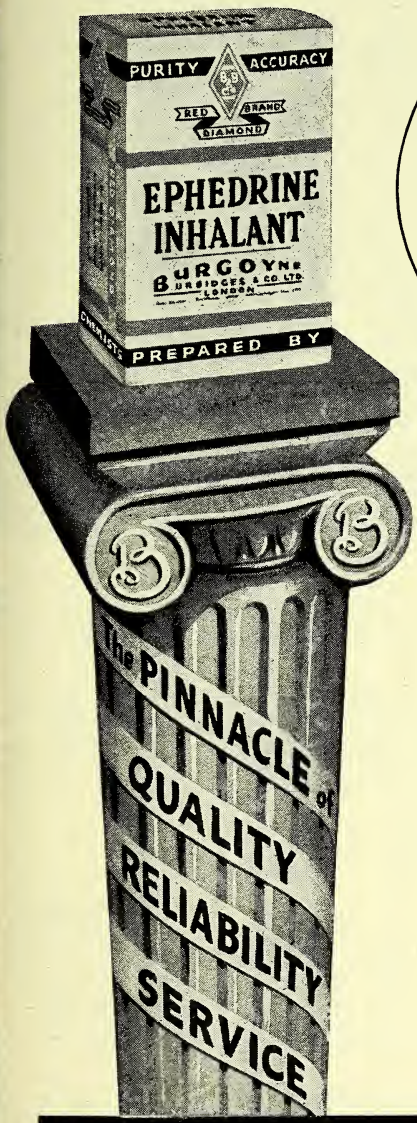
2/50

The best of its kind, always 'above' the average



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for the treatment and rapid relief of colds, Catarrh, Asthma, Hay Fever, Sinusitis, Etc.

A 'RED DIAMOND' PRODUCT

1 oz. Bottles, elegantly cartoned, cellophaned, complete with dropper. 10/6 a doz. + P.T. ⅓rd.

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Agar Agar • Aniseed Oil
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APOLLO BRAND STICK LICORICE JUICE
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A FEW STOCK SIZES.	ALL PER 1,000		
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"CELLOPHANE" SHEETS FOR WRAPPING 20 x 30. 50/- 500. Rolls. 5yds. x 20". 18/- doz.
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The most important use of 'PARAMISAN SODIUM' is in the treatment of pulmonary tuberculosis. It is also indicated in many extra-pulmonary tuberculous infections. It is most commonly used in the form of its Sodium Salt.

'PARAMISAN SODIUM'

TRADE MARK BRAND

SODIUM SALT OF para-AMINOSALICYLIC ACID

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PACKINGS:—

POWDER—for oral and general use ..... 100g. 250g. 500g. and 1000g.
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STERILE 20% SOLUTION—for local injection ..... 6 ampoules of 10 ml.
STERILE 10% JELLY—for local injection ..... 15g. tube
STERILE 5% PYROGEN-FREE SOLUTION—for intrathecal injection .... 6 ampoules 10 ml.
10% CREAM—for local application ..... 30g. tube

Manufactured and distributed for

THERAPAS LIMITED

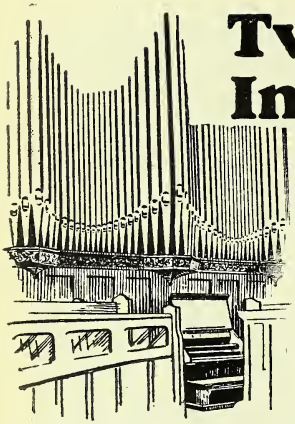
by

HERTS PHARMACEUTICALS LTD. Welwyn Garden City, England and **BRITISH CHEMICALS & BIOLOGICALS LTD.** Loughborough, England

from whom full literature and prices can be obtained

Therapas Limited is a Company formed jointly by Herts Pharmaceuticals Ltd., and British Chemicals & Biologicals Ltd., for the purpose of research and manufacture in the field of chemotherapeutic agents relating to tuberculosis.

M.52



Two fine Instruments

and what they have in common

The word Syringe derives from the Greek Syrinx or Panpipes, the ancestor of the modern organ.

VIM HYPODERMIC SYRINGES

Made from tested glass of high thermal resistance; plunger and barr *individually* mated for smooth working without leakage. Rust and corrosio proof they are *individually* calibrated and **can be sterilized by hot air 160°C.** Clear and permanent etched graduations. Plunger Retaining Cl also prevents rolling. Sizes up to 20 ml. Repair service available.

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Specially designed for use with Vim Syringes. Rust-resisting stainless stee with razor sharp edges. *Please write for illustrated price list.*

Sole British and Empire Distributors (except Canada)

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Also at: 38 WELBECK STREET, LONDON, W.1

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STAINLESS STEELWARE

Specialists in modern equipment for manufacturers, i.e., Funnels, Buckets, Jugs, Mixing Containers, Measures, Percolators, Bogies, etc., etc.

Suppliers of Stainless Steel utensils, at prices which enable the user to employ them in place of other metals as an economical proposition.

The use of Stainless Steel equipment, designed on modern principles, enables overhead costs to be reduced and makes for more convenient and better working conditions.

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and all other crude Drugs, Essential Oils and Spices.

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AND DERIVATIVES
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Display to sell!

The fastest selling Insecticide

It's the EXTRA POWER that brings repeats

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EXTRA POWER.
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CUPAL LTD
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The PEARSON VACUUM *Liquid* FILLING MACHINE

- RAPID
- ACCURATE
- NON-DRIP
- COMPACT

The "PEARSON" Liquid Filling Machine can be operated by unskilled labour. It is easily adjusted for different sizes of bottles, etc., almost any of which can be rapidly filled with fluid without spill or drip.

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S.W. PEARSON LTD.
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PROMPT DELIVERY
GOOD PACKING
COMPETITIVE PRICE

DUNN BROTHERS' SUCCRS. LTD.
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BOTTLES & JARS

Also Bakelite and Metal Screw Caps

SUBSTANTIALLY REDUCED PRICES

Large stocks of various kinds available for immediate delivery. Just send us details of your requirements stating quantities you want of each item and we will gladly quote by return.

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Telephone: PRImrose, 5611 and 3167
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GALE'S NUTRITIOUS TONIC

MORELIX

(Regd.)

ESPECIALLY SUITABLE FOR CHILDREN AND DURING CONVALESCENCE

Contains Liquid Malt, Vitamins A & D, Hypophosphites and Virginian Prune.

DREADNOUGHT BRAND

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You can recommend the GRIPTIGHT Feedteat with every confidence. More Mothers choose this brand because it gives entire satisfaction and is recommended by many leading Hospitals, Clinics and Welfare Departments. They are extra carefully pierced and are available in fifteen different shapes. Made in best quality rubber Latex they have extra long life and retain shape for at least 500 feeds. Hygienically packed in transparent wrappers and attractively carded or boxed. Guaranteed three years' store life in any climate.

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ALLAYING ANXIETY

The ideal contraceptive is one in which physical and psychological requirements are adequately fulfilled. GYNOMIN has earned the confidence of the medical profession because it satisfies both these needs.

Its action produces an effective mechanical and spermicidal barrier. Does not upset the vaginal pH value.

It is clean and convenient in use, non-greasy and non-irritant. Keeps perfectly in all climates.

GYNOMIN TRADE MARK

The scientifically balanced, antiseptic and deodorant contraceptive.

Retails at 3/6 per tube of twelve Tablets.

REGULAR MEDICAL PROPAGANDA
LIBERAL DISCOUNTS TO THE TRADE
LITERATURE AND SHOWCARDS UPON REQUEST

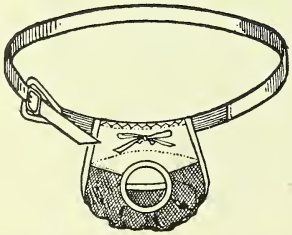
Order from your wholesaler — Write for Special Terms

Our publicity will bring new customers to your pharmacy.

COATES & COOPER LTD. WEST DRAYTON MIDDLESEX ENGLAND

"Clifton" Brand

SURGICAL APPLIANCES and SUNDRIES
ABDOMINAL BELTS and CORSETS
SUSPENSORY BANDAGES
JOCK STRAPS ELASTIC HOSIERY
TRUSSES CHEMISTS SUNDRIES



Appliances N.H.S. All types

Special terms to wholesaler

Write for price list

CHARLES WILLIAMS & Co.
(Propr.: A. G. Price)
STONEY STREET · BEESTON NOTTS

SURE-SELLING STOCK!

OVER 150 YEARS REPUTATION

KEARSLEY'S

THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

9d. BOX PROFIT by ordering 1 dozen 3/3½ size. Bonus given on every dozen (13). It pays to push this size

C. & G. KEARSLEY LTD.
71 Dartmouth Rd., London, S.E.23
EST. 1787

BRITISH MADE **AMPOULE FILES**

are now available

We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries

DOMINION STEEL CORPORATION LTD.
"FLEET" WORKS
QUEEN'S ROAD, SHEFFIELD, 2

THERE ARE MANY SALES

BECAUSE THERE ARE MANY USES

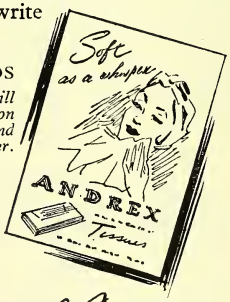
The first of a new series of press advertisements that is going to make women look for ANDREX tissues in *your* shop.

ANDREX handkerchief tissues — by the makers of the popular Andrex toilet tissues — make quick sales because they are so very versatile. Women always buy them to keep handy in case of colds in the family. They are extra soft, fully hygienic, and save laundering. But there are also a hundred and one other uses for them in bedroom, nursery, office and kitchen. Put them on display and hear your customers say, "That's just what I want!"

There are two sizes: BOUDOIR PACK containing 100 tissues, retail price 1/-; and the POPULAR FAMILY PACK with three times the quantity (300 tissues), retail price 2/6. Obtainable now from your wholesaler. If you have difficulty in obtaining supplies please write to the manufacturers.

FREE SHOWCARDS

The new showcard will add colour and distinction to your counter and pounds to your turnover. Send for yours now.



Brilliant new pack! Pre-war Prices!

ANDREX

HANDKERCHIEF *Tissues*

St. Andrew Mills Ltd., London. E.17. (Wholesale only)

AN ALL COTTON WOOL PRODUCT OF REPUTE

Consoluxe (Registered)

Patent No. 410702

SUPERFINE QUALITY
ALL WOOL SANITARY TOWELS

LOOPED ENDS
NON-ABSORBENT BACK
WHOLESALE ONLY

ROBERT BAILEY & SON, LTD.
SURGICAL DRESSING MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCKPORT
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TWO-WAY STRETCH

Lastonet

SURGICAL STOCKING

with NYLON Mixture Foot

Lastonet, the renowned made-to-measure Surgical Stocking is now available with a Nylon Mixture Foot, giving greatly increased wear.

Measurement forms and full details from the makers:—
LASTONET PRODUCTS LTD.
Carn Brea, Redruth
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No increa
in price

Now supplied with Nylon Mixture Foot

Lastonet for inconspicuous suppor

We are exhibiting at
STAND N.68 B.I.F.

ducky

MAKES CHILDISH DUTIES FUN!

REPEATS OVER AND OVER AGAIN!

Wherever it is seen, DUCKY supersedes the old-style chamber for children. A Southport Trader for instance has REPEATED TEN TIMES to keep up with demand. Build up your stocks DISPLAY 'DUCKY' . . . and see how YOUR sales increase.

ROY AITKEN & PARTNERS,
48 DUNDAS STREET, GLASGOW.

18/11 INCLUDING P. TAX

D.18

Success story!

AL, most perfect of Pine disinfect-
ts, was introduced last year with
enomenal success. Orders and
eat orders poured in. The reason?
ople recognise real superiority.
AL, backed by over 60 years' ex-
rience of disinfectant manufacture,
s no equal. And now—full steam
ead for 1950. Powerful national
vertising, brilliant counter display
ls—and so bigger public demand.
ok to your stocks!

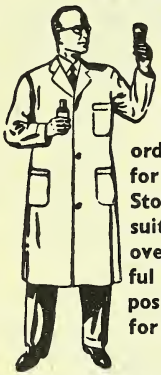
Just one of the big-space advertisements that will appear nationally.

AL SCORES 5 TIMES

1. **Housewives like its sweet smell *better*.**
2. **Housewives like its clear golden colour *better*.**
3. **Housewives like its prestige—Zal is a Newton Chambers product, belongs to the family of finest germicides.**
4. **Housewives like the big value 1/- bottle.**
5. **Housewives like *safety*—Zal is 3 times more effective than carbolic—yet cannot harm persons or things.**

EWTON CHAMBERS & CO. LTD., THORNCLIFFE, SHEFFIELD

GARDINER'S FOR COATS



Due to the difficulty in obtaining supplies of white coats, white jackets, etc., it is not possible to accept orders for such goods for the time being. Stocks of blue boiler suits and bib and brace overalls are fairly plentiful and we are in a position to accept orders for same from stock.

Gardiner & CO. (The Scotch House) Ltd,
1, 3 and 5 COMMERCIAL ROAD, LONDON, E.1
Opposite Aldgate East Station. Phone: BIS 6751 (3 lines)
Branches: DEPTFORD, S.E.8; WOOLWICH, S.E.18; CLAPHAM, S.W.11.

NOT STICKY
... it's *NOT* a plaster

BUT IT STICKS!
..it's *MORE* than a bandage

PRESTOBAND
THE ANTISEPTIC SELF-ADHESIVE BANDAGE STICKS TO ITSELF — BUT NOT TO THE SKIN

Details from the Sole Distributo
FASSETT & JOHNSON LTD
86 Clerkenwell Rd. London, E.C.1 and 6 Crow St. Dubl
MADE BY VERNON & CO., PRESTON, LANCS

It's a family affair!

HILLCREST TOILET ROLLS *are made of the purest Toilet Tissue, and each sheet is medicated with Pine germicide*

6 Star SELLING POINTS!

- ★ **ATTRACTIVELY BANDED IN THREE COLOURS ON GLAZED PAPER** *in 6 oz., 7 oz., and 8 oz. weights*
- ★ **SUPER QUALITY** manufactured from purest toilet tissue
- ★ **KEEN PRICES FOR QUANTITIES** to established Wholesalers
- ★ **ALL SHEETS MEDICATED WITH PINE GERMICIDE**
- ★ **ADVERTISING**—*Your customers will see this advertisement in the "News of the World," "Daily Mirror," "Daily Express," "News Chronicle," "Daily Herald," "Daily Mail," and all the leading Provincial papers; also on Odeon and A.B.C. Cinema Screens.*
- ★ **CUSTOMERS' OWN DESIGNED GLAZED BANDS PRINTED (NO EXTRA CHARGE)**

Sole Manufacturers: LIPTONS PAPER MILLS LTD.,
Head Office: UNITY WORKS, HEDDON ST., LONDON, W.1

TRADE ENQUIRIES INVITED

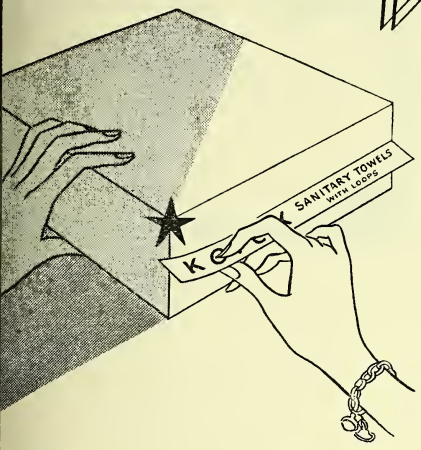
Estd. 189

Women prefer

KOTEX

SANITARY TOWELS

(WITH LOOPS)



Because demand exceeds supply, please do not blame your wholesaler should he be unable to meet your requirements.

★ *Simply remove the perforated strip and the plain box is ready for sale.*

CELLUCOTTON PRODUCTS LTD., 33/34 AYLMER PARADE, LONDON, N.2

When it's Sundries Think of "Ritchies"!

A few samples from our range:

Arch Supports
Hypodermic Needles (Stainless)
Dressings of all types
Weighing Machines
Ramer Sponges
Spontex Sponges
Pill Boxes
Gillettes
Personna
Dunlopillo Cushions
Electric Blankets
Heat-Pads
"Agrippa" Teats
Feedrites
Dropper Bottles
Scissors of all Types

We stock Addis, Halex and Hygex Brushes

Scottish distributors of Plim Hypodermic Syringes

George B. Ritchie & Co
249 Buchanan St. Glasgow C.1
Tel: DOUglas 0532/3

COLCHICINE

B.P., U.S.P.

For use in Treatment of

GOUT, ASTHMA, CEREBRAL CONGESTION and URAEMIA

—

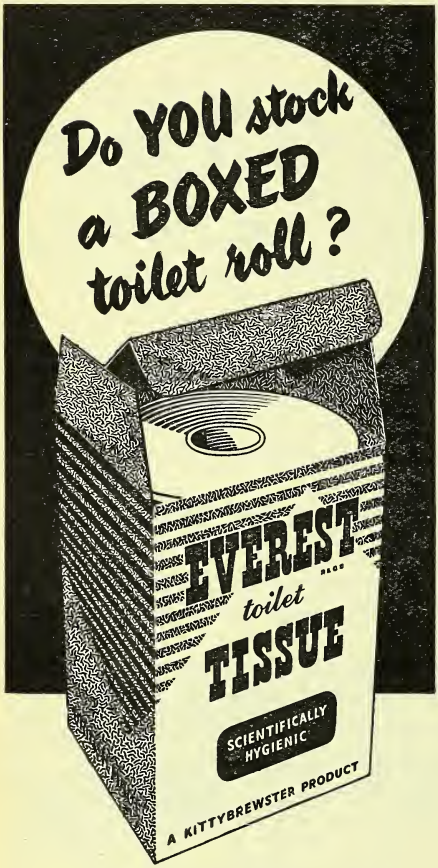
d-Tubocurarine Chloride

The Pure Crystalline Alkaloid for securing Muscular Relaxation in Surgical Operations and Shock Therapy.

—

Manufactured by:

PAL CHEMICALS LTD.
PALORIT HOUSE, 11 HARROW RD., LONDON, W.2
PADdington 8261



Think of the sales appeal: smart design (needn't be hidden in the shopping basket); good display value in your shop; doubly hygienic; and of course a very good toilet tissue.

See it at the

KITTYBREWSTER STAND M.36
(Stationery Section) First Floor

B.I.F. OLYMPIA, LONDON

KITTYBREWSTER (PAPER) LIMITED
Kittybrewster Works, ABERDEEN
Also makers of:—Silver Silk, Med-O-San, Captis and Tartan Brand Toilet Rolls

Sollcel REGD.
SOLUBLE TOWELS
SOFT GAUZE COVERING WITH LOOPS

HYGIENIC
HIGHLY ABSORBENT
BEAUTIFULLY SOFT
ECONOMICAL

M. MERICA & CO. LTD.
QUEENS MILL
20 SHAW ROAD, OLDHAM, LANCS.
TELEPHONE: MAIN 5803

WELL KNOWN FIRM OF TOILET ROLL AND INTER-LEAVED PACKET MANUFACTURERS (Factory LONDON) WITH MODERN PLANT WILL ACCEPT ORDERS, FROM ESTABLISHED FIRMS, AT VERY KEEN PRICES FOR 6 oz., 7 oz. and 8 oz. MEDICATED TOILET ROLLS. TOILET ROLLS CAN BE BANDED WITH HIGHLY GLAZED BANDS—2/3 COLOURS (at no extra charge) TO CUSTOMERS OWN DESIGN. ANY WORDING DESIRED CAN BE PRINTED ON EACH SHEET.

Box No. C. 5446

A NEW WINTER LINE for CORYZA, BRONCHITIS, etc.

Intrasept

P.A.T.A.

INTRASEPT consists of an highly concentrated alcoholic solution affording a strong anti-bacterial effect with excellent expectorant properties, resulting in a reduction of nasal secretion and inflammatory conditions of the upper and lower respiratory tracts.

INTRASEPT contains iodine, caffein, camphor, peppermint, salicylates, etc., in alcohol which is administered by 8-10 drops three to four times per diem; supplied in special drop bottle, containing 6 gm.

One size only retailing at 3s. 9d. inc. P.T.

RIDDELL PRODUCTS LIMITED

AXTELL HOUSE · WARWICK STREET · LONDON · W.1

Telephone: GERrard 3754

A TONIC for everyone

Most people need a Tonic at one time or nother. For that reason it is sound policy to eep adequate stocks of Phosferine — The reatest of all Tonics.

end a post-card for colourful showcards enable you to make a display to the est advantage.

The Registered Trade Mark "Phosferine" is the property of PHOSFERINE (ASHTON & PARSONS) LIMITED.

Let everyone see you sell

IN LIQUID OR TABLET FORM

PHOSFERINE

THE GREATEST OF ALL TONICS

Sole Distributing Agents in the United Kingdom:

BEECHAMS PILLS LIMITED, ST. HELENS, LANCS.

MX36

THE RAT MENACE minimized—

YOUR PROFIT increased by displaying more and SELLING MORE

RODINE

Britain's Positive Rat Killer!

P.A.T.A.

T. HARLEY LTD., PERTH, SCOTLAND

DEATH to MOTHS

NEW LIFE FOR YOUR BUSINESS

STOCK PROMOL JUNIOR MOTH RINGS and cash in on the Moth menace. By incorporating Napthalene with Paradichlorbenzenium and DDT, they KILL as well as repel. The first two ingredients, powerful repellants, gradually evaporate, leaving the deadly DDT as a fine powder that KILLS BY CONTACT.

Displayed in their attractive red, white and blue carton, at 8 rings for 4d. They are BETTER-THAN-EVER SELLERS. *Send your enquiries today:*

PROMOL

Junior MOTH RINGS

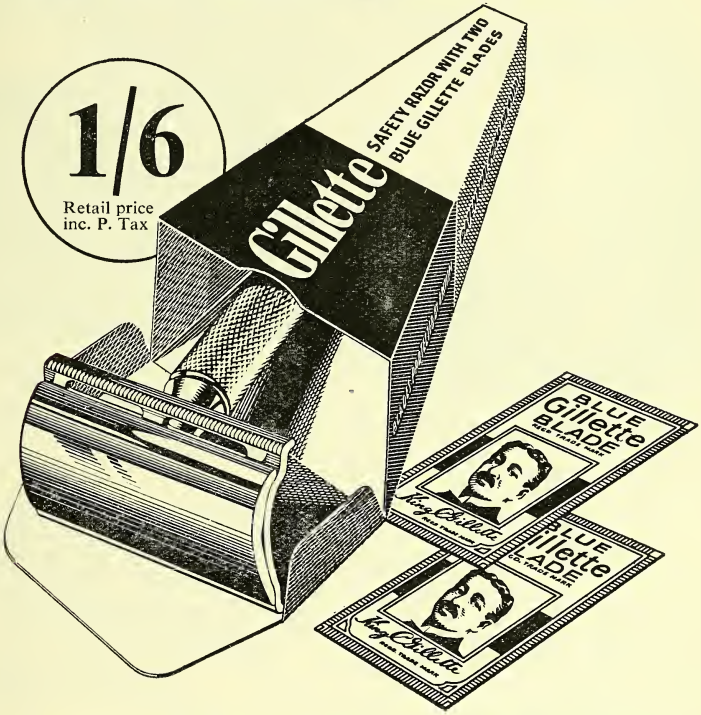
PROMEDICO PRODUCTS LTD.

22 TURLE ROAD, LONDON, N.4.

P.P.I.A.

Amazing Gillette offer!

A precision Gillette razor and two Blue Gillette Blades



THE NEW GILLETTE '32' set brings the finest shaving within the reach of the lowest income.
Hard-hitting advertisements in the widest circulation newspapers will put its amazing value before every man and boy who can shave.

Trade price: display carton (2 doz. sets) 20/-
P. Tax 33⅓% 6/8
Retail price (inc. P. Tax) 1/6d each

SHOW! DISPLAY! SELL!

Gillette '32'

Order for distribution through your usual supplier.

GILLETTE INDUSTRIES LTD., GREAT WEST ROAD, ISLEWORTH, MIDDLESEX.

We are TOTALITARIANS

ABOUT CORKS

LET'S admit it. So far as corks are concerned, we're out-and-out dictators. Regimentation, standardization—these are our watchwords. We plead guilty to our reputation for reducing corks to a state of *unbelievable* uniformity.

"Want to be *different*, eh?"

We do it by sheer ruthlessness. Corks hate us! Boiled alive, pressed flat, shut in the dreaded "hot-box," they are then sliced and punched, tapered, sanded, notched, bleached and branded—no atrocity is spared to stamp out individuality.

Not a cork can escape; many are completely eliminated. Sometimes only 5 per cent. of a *whole batch* survive to become corks of our Grade A quality. If a cork is even 1/63rd of an inch too small, it is pitilessly rejected and ground into by-products.

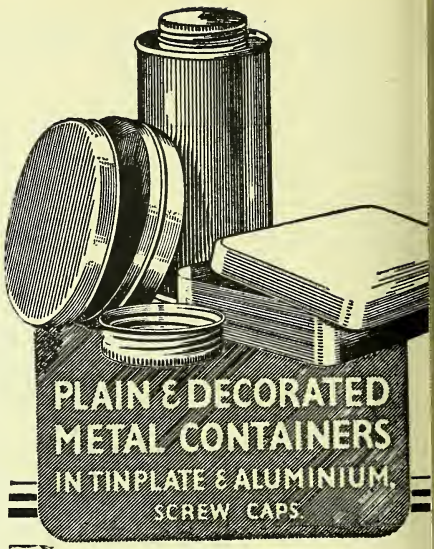
* * *

IF YOU, too, feel totalitarian about corks, and want them, in each grade, as uniform in size and quality as skill and experience can make them—please get in touch with us by letter or telephone. Armstrong Cork Company, Ltd. (Closure Division), Kingsbury, London, N.W.9. Telephone: Colindale 7080. Scottish Branch: 5 Oswald Street, Glasgow, C.1. Telephone: Central 5703.

FREE ON REQUEST. The handy Armstrong String of Standard Cork Sizes shows at once what size you want—whether for dispensing or for ordering supplies. May we send you one?

ARMSTRONG'S CORKS

CORKS · CROWN CORKS · MOULDED CAPS



AVON TIN

PRINTERS LTD
IMPERIAL WORKS, ST. GEORGE, BRISTOL, 5
GRAMS TINPAX BRISTOL PHONE BRISTOL 57877/8

Speaking of

NORTHERN IRELAND

WILL REMIND YOU OF

Belfast Telegraph

The Newspaper with the largest circulation in Northern Ireland. Read in the homes of the people throughout the whole of this important industrial and agricultural part of the UNITED KINGDOM

HEAD OFFICE: ROYAL AVENUE, BELFAST.

LONDON OFFICE: 112 FLEET STREET, LONDON, E.C.4

acked for every purpose

THE HANDY FOLDER FOR POCKET OR HANDBAG

Containing 8 tablets

ACKING
isplay cartons of 3-dozen.

ICES
andard Trade Price 5/2 per doz. Purchase
ax 1/8 per doz. Retail Price (*inc. Tax*) 9d.
r folder.

DISPRIN TERMS

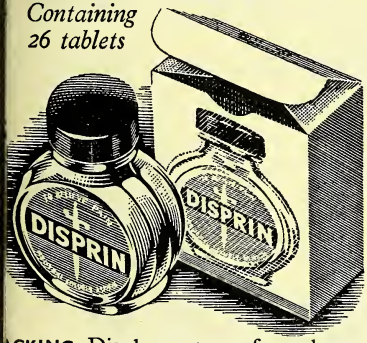
SPRIN ORDERED ALONE. 5% Trade Discount on orders value £2. Such ders may include all three Disprin packings.

SPRIN ORDERED WITH DETTOL PRODUCTS. Any standard packing of Disprin hen added to existing carriage-paid quantity of Dettol products will also alify for 5%.

ash Discount of 2½% for payment within 14 days of invoice date.

THE POPULAR BOTTLE

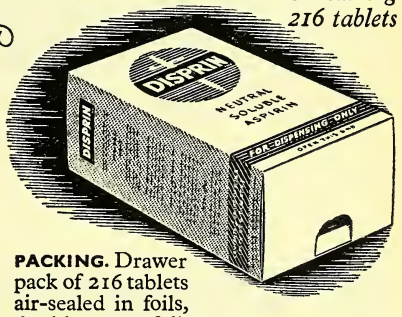
Containing 26 tablets



ACKING. Display cartons of one dozen.
RICE. Trade price 13/10 per dozen.
urchase Tax 4/6 per dozen. Retail ice (inc. tax) 2/- per bottle.

THE PRESCRIPTION PACK

Containing 216 tablets



PACKING. Drawer pack of 216 tablets air-sealed in foils, 6 tablets to a foil.
PRICE. 9/- per pack, exempt from Purchase Tax. To be supplied to the public on prescription only.

Buying Sunglasses?

DEVALUATION-means-REVALUATION

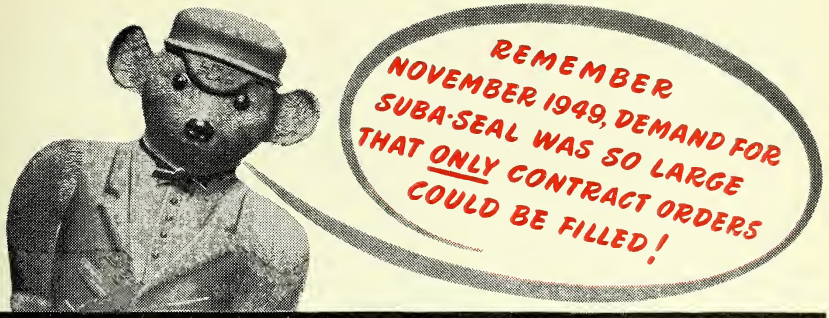
. . . Customers value your discretion so . . .

before stocking up, please ask your wholesaler to show you our 1950 range — new models, keen prices. Over 15 styles from which to choose, retailing from **9d.** with our popular L.2 model "Sunrex" with ***glass lens*** at **1/9.** individually boxed!!

Buy BRITISH this Season

LAST SEASONS' SUNGLASS SENSATION

VALUE = SALES! SALES = PROFITS!



ORDER NOW
before MAY 31st
for delivery in season

Don't be caught on the wrong foot again . . . already the demand has surpassed expectations . . . very soon production capacity will have been reached —and then it will be too late.

Don't miss one of the greatest profit making schemes the pharmaceutical trade has ever had the opportunity of participating in . . . ORDER NOW, at once!

This is the mark which stands for the finest hot-water bottles ever made. The mark which has already made history in the rubber trade — carries a reputation for top quality combined with fair dealing.

REGISTERED
SUBA·SEAL
TRADE MARK

Full details of the CONTRACT BONUS PLAN including full illustrated broadsheet will be sent immediately on request to:

WILLIAM FREEMAN & COMPANY LIMITED

SUBASEAL WORKS
PEEL STREET, BARNSLEY

Phone: Barnsley 4081

Grams: "Subaseal" Barnsley

THE PUBLIC WANT ZEMS

P.A.T.A

Order now from your wholesaler
or direct from—

GLADSTONE LABORATORIES
718/24 SEVEN SISTERS ROAD,
TOTTENHAM, N.15

SUMMER NEWS!
BETTER SALES!
BIGGER PROFITS!

PANDA *are still continuing*

AN **ENTIRELY NEW FILM**

● **THE PANDA "POPULAR" ROLL FILM**

Ideal for Sunny Days with ordinary Box Cameras

Together with the Established Favourite

● **THE PANDA "SPEED" ROLL FILM**

BRILLIANT SNAPS ALL THE YEAR ROUND

(THE NEW "POPULAR" ROLL FILM is only obtainable DIRECT and NOT from WHOLESALERS)

L POPULAR SIZES
EIGHT EXPOSURES
STANDARD PRICE

PRICES AND TERMS

Special Introductory Pack

contains 4 dozen PANDA "20" retailing at 2/9
" 1½ " " "62" " 2/9
" 1 " " "27" " 2/5

SEND CHEQUE FOR £8 10 6 ONLY——
——Shows you a clear profit of £2

Each Pack contains the proportion of 'Popular' and 'Speed' Films as referred to above

Advertising and Display Material also available free of charge

PANDA ROLLFILMS

	Wholesale (ex Tax)	Tax	Retail (inc. Tax)
62 and 20	17/- doz.	10/10 doz.	2/9
27	14/4	9/1	2/5
16 and S16	21/9	13/8	3/8

TERMS

5% Cash with Order
2½% 7 days*
} except Nett packs

Otherwise NETT*

*Against approved trade references only

NOTE. Discounts available only on wholesale price. Discount cannot be deducted from Purchase Tax.

NOTE NEW ADDRESS

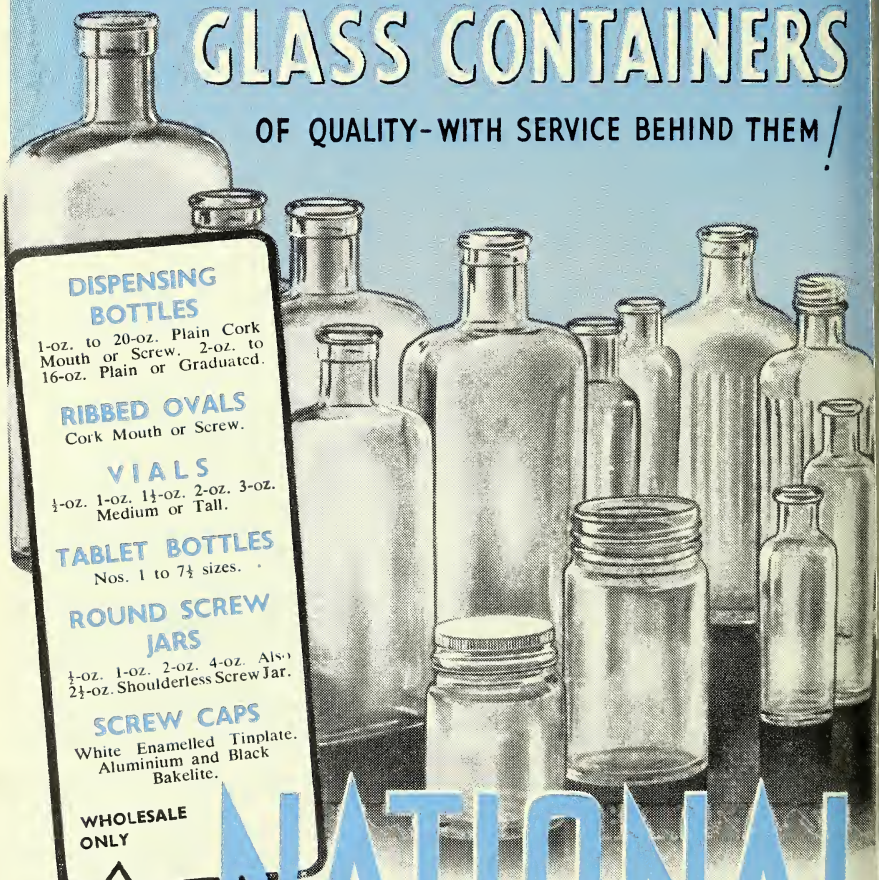
PANDA FILM CO.

75 AVONDALE ROAD, BROMLEY, KENT. TEL RAV 6528

WHITE FLINT

Medical and Pharmaceutical GLASS CONTAINERS

OF QUALITY-WITH SERVICE BEHIND THEM!



DISPENSING BOTTLES
1-oz. to 20-oz. Plain Cork Mouth or Screw. 2-oz. to 16-oz. Plain or Graduated.

RIBBED OVALS
Cork Mouth or Screw.

VIALS
½-oz. 1-oz. 1½-oz. 2-oz. 3-oz. Medium or Tall.

TABLET BOTTLES
Nos. 1 to 7½ sizes.

ROUND SCREW JARS
½-oz. 1-oz. 2-oz. 4-oz. Also 2½-oz. Shoulderless Screw Jar.

SCREW CAPS
White Enamelled Tinplate. Aluminium and Black Bakelite.

WHOLESALE ONLY

NATIONAL

NATIONAL GLASS WORKS (YORK) LTD.

TRADE MARK

Fishergate, YORK
Tel. : YORK 3021

105 Hatton Garden, LONDON, E.C.1
Tel. : HOLBORN 2146

MOTHERS LIKE DIMPLES!

Mothers like dimples . . . dimples in baby . . . Dimples on the feeding bottle. The Dimples bottle is a reliable bottle at a reasonable price. More than that—

THE DIMPLES FEEDER IS A GOOD CHEMISTS' LINE. ATTRACTIVELY CARTONED. ALWAYS IN DEMAND. BRINGING STEADY PROFIT.

The Dimples bottle is supplied with anti-colic teat for comfortable feeding. The buff cartons, printed in blue with nursery border, have an outer wrapping of transparent tissue to prevent soiling in stock or on display.

PRICES	One dozen	Three dozen	Six dozen	
	(in one size or assorted sizes)			
Double-ended 8 oz.	10/-	9/9	9/6	per dozen
No. 1 upright 8 oz.	8/-	7/9	7/6	per dozen
Double-ended 4 oz.	8/6	8/3	8/-	per dozen
No. 1 upright 4 oz.	7/6	7/3	7/-	per dozen

DIMPLES ANTI-COLIC TEATS
are sold in attractive printed cartons. One dozen contained in display outer.

PRICE Per dozen, **2/-.** Per gross, **21/-**

ALL ORDERS CARRIAGE PAID IN FREE PACKAGES

Prompt attention given to special post orders.

MACDONALD & SON LTD.

HOPE MILLS, POLLARD STREET, MANCHESTER, 4 Ardwick 1561-2

IN MATTERS CONCERNING FEMININE HYGIENE...

SHE LOOKS TO *you* FOR PROFESSIONAL ADVICE

The responsibility to give professional advice when called upon has placed pharmacy in a position of high esteem, and it is a service especially valued by women. When it is a question of family limitation it is always wise to suggest a Rendells Product. As pioneers of the chemical contraceptive we can now offer a range of preparations to suit every individual requirement.

RENDELLS PESSARIE
RENDELL GELS
RENDELL-FOAM
RENDELL-CREAM

Rendells

PRODUCTS FOR FEMININE HYGIENE

W. J. RENDELL LTD HARDWICK HOUSE 161-5 ROSEBERY AVENUE LONDON E.C.1

Moulded Hot Water Bottles
Fabric Hand-Made Hot Water Bottles
Hospital Sheetings, Etc.
Bathing Caps, Beach Balls
Mandelle
J. MANDLEBERG & CO. LTD.
Seaford Road, Salford 6, Lancs.
WHOLESALE ONLY
MANDELLE
Caps

The Baby

SAFETY PINS

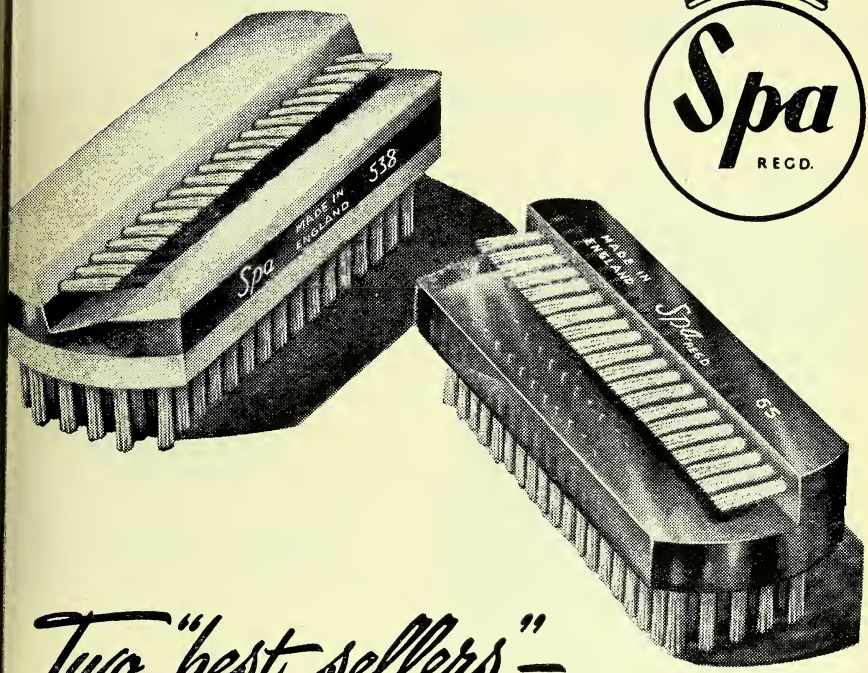
RUSTLESS WITH
GUARDED COILS

RUSTLESS and CURVED
the ideal combination
for a Baby *Safety* Pin
In Colours or Nickel Plated

ATTRACTIVE COUNTER DISPLAY BOXES

WHITECROFT
THE MOST PROGRESSIVE NAME
IN HABERDASHERY

THE WHITECROFT PIN MANUFACTURING CO. LTD.



Spa
REGD.

Two "best sellers" — in a buyers' market

Each is a variety of sparkling colours — each with its manicure row — each in its clear acetate container.

The SPA Nailbrush No. 538 — the larger man-sized brush *retails at 5/6d.*

The Smaller brush — SPA No. 65 — *retails at 4/6d.*

The name SPA on a brush guarantees Quality to your customer — PROFIT to you

MADE BY

SPA BRUSHES LTD.

FREEMAN WORKS · CHESHAM · BUCKS.

THIS HANDY PLASTIC CONTAINER IS

increasing the already great demand for KORAY

Those thousands who regard KORAY as their "First Aid" in case of pain are making this plastic container their constant companion. It holds 5 tablets and fits into a waistcoat pocket or the smallest handbag.

There is a container in every one of the neat, "cellophane"-wrapped packs of KORAY 28's and 64's. These larger sized packs of KORAY tablets give you a good profit margin and are excellent counter-lines. They are backed by powerful national advertising and create that goodwill which is only associated with a tried and proved product of quality.

The 10 tablet pack, recently re-designed, will act as an introduction to those who are not yet fully aware of the thoroughly dependable analgesic qualities of KORAY.

Send your order now to:

KORAY LTD., GOLDEN MILE WORKS, BRIDGEND, GLAM.

'Pharmitex' PURE TOILET TISSUE is post w quality and f

Chemists onl

HAROLD WESLEY LTD.

HARLEY MILLS, LONDON, N.W.10

Latin for Pharmaceutical Students

Fifth edition 1950. (J. W. Cooper and A. C. Maclaren)

This revised and up-to-date edition provides a concise six months course of Latin for Students of Pharmacy and Medicine. Following publication of the B.P. 1948, numerous additions and alterations in official nomenclature have been introduced. The book comprises 11 lessons—each representing one fortnight's work and is complete with Latin-English and English-Latin vocabularies arranged for quick and easy reference. A copy will be sent by return of post if you send remittance value 9/- to

The Publisher,
The CHEMIST and DRUGGIST
28 Essex St., Strand, London, W.C.2

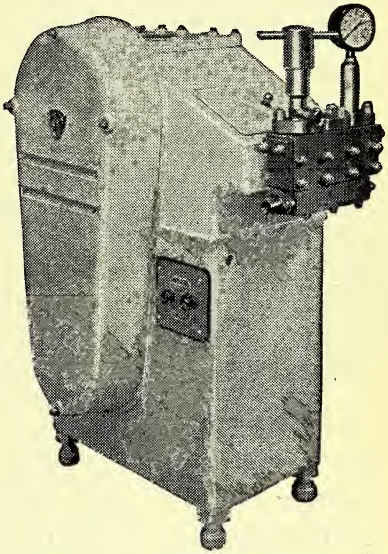
DO YOU KNOW *the advantages of the Multi-flo Homogeniser in the manufacture of*

FACE CREAMS · DYE STUFFS · OIL & WAX EMULSIONS · INSECTICIDES · DRUGS, ETC.

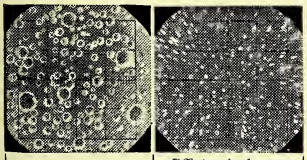
The highest standard of consistency and the uniform dispersion of every molecule of solid throughout the aqueous solution is demanded in the manufacture of such products as those listed above. This demand can be satisfactorily met by the application of homogenisation to the process.

The **C.P. MULTI-FLO HOMOGENISER** will therefore prove an invaluable addition to your existing team of processing equipment. Adaptable to any installation, this machine produces a super-homogenised product of fine body and texture.

Outstanding feature of the C.P. HOMOGENISER is the unique stainless steel Single Service Valve, developed by our Engineers after years of research and study on the problems of homogenisation.



THE C.P. MULTI-FLO HOMOGENISER
Capacities 100-1,000 gals. per hour



Unhomogenised product.	*Efficiently homogenised product, processed on the C.P. Multi-Flo Homogeniser.*

Tests have resulted in a much more efficient utilization of the pressure of the fluid, giving a remarkably uniform break-up and dispersion. These results are evidenced by the accompanying illustrations.

More than sixty years' experience in this field has enabled our engineers to develop plant which achieves the highest standards in performance and hygiene. It is this experience which we offer to you in the planning and installation of your plant to suit your specific and individual requirements.

THE CREAMERY PACKAGE MFG. COMPANY LTD.

Avery House, Clerkenwell Green, London, E.C.1. *Telephone: CLErkenwell* 4997

A favourite for forty years!

For nearly half a century Royal Court Tintona has earned an enviable reputation for efficiency, safety and ease of application. For you too they can earn both profit and confidence. Order small lots from your wholesale house, or minimum three dozen bonus display parcels, with show material, direct from the manufacturers.

ROYAL COURT TINTONA

FOR THE HAIR — IN SEVEN SHADES

The Oatine Company (Opera Omnia Ltd. Proprietors)
44 Kennington Lane, London, S.E. 11

CVS—3

Get to know these young ladies!

They are appearing in all ENESS advertising, working hard and persuasively to bring you ever-greater sales of the 'softer than silk' sanitary towel. Make sure that you are well-stocked when discriminating women ask for . . .

ENESS SANITARY TOWELS

MORRISONS & RALPH LTD BARRHEAD SCOTLAND

Take it from me these products PULL THEIR WEIGHT

Satino

TOILET TISSUE

Satino Toilet Paper in rolls and Interleaved Super soft in boxes —Backed by Nation wide publicity.

KWICK-DRY

HOUSEHOLD TOWELS

A Boon to every housewife. Supplied (Perforated) in rolls. Further details from address below.

Details and Samples can be obtained from the manufacturers:

FREEDER BROTHERS PAPER MILLS
Brimsdown · Enfield · Middlesex
Telephone: HOWard 1847 (5 lines)
Telegrams: Sylkocrepe, Enfield, Middlesex

Visit our Stand No. M.18 B.I.F. OLYMPIA

IE

Enka TOILET SPONGE

ade of high-grade viscose by a special process

CONTAINS NO RUBBER

Velvet-soft when moist

Three delightful pastel shades —pink, blue and green

Individually packed in transparent wrappers

Attractive display boxes of 12 —(assorted colours)

DOES EVERYTHING A SPONGE DOES BETTER

★ ***Send your enquiries and orders to your usual wholesaler.***

Wholesalers are invited to ask our representative to call with samples and details of our sales terms.

2/9 INCLUDING TAX

SOLE AGENTS FOR GT. BRITAIN

MACWILL & COMPANY LTD.
7, WEST ROAD, KINGSTON-ON-THAMES
Telephone Kingston 8558

ROTER

Roter Gastric Ulcer Tablets

indicated for:

GASTRIC AND DUODENAL ULCERS

Retail prices: trial size (40) 7/11, standard size (120) 22/6, full treatment size (640) £5 . 12 . 6.

Obtainable from the Importers:

F.A.I.R. Laboratories Limited

183 Heath Road, Twickenham

Manufactured by:

Pharmaceutische Fabriek "Roter"

Hilversum, Holland

It's an EDME *product!*

BEVAREX

A nourishing and sustaining

MALT FOOD BEVERAGE

of OUTSTANDING merit

Retails at 1/8 per 6 oz. tin

Wholesale 13/6 doz.

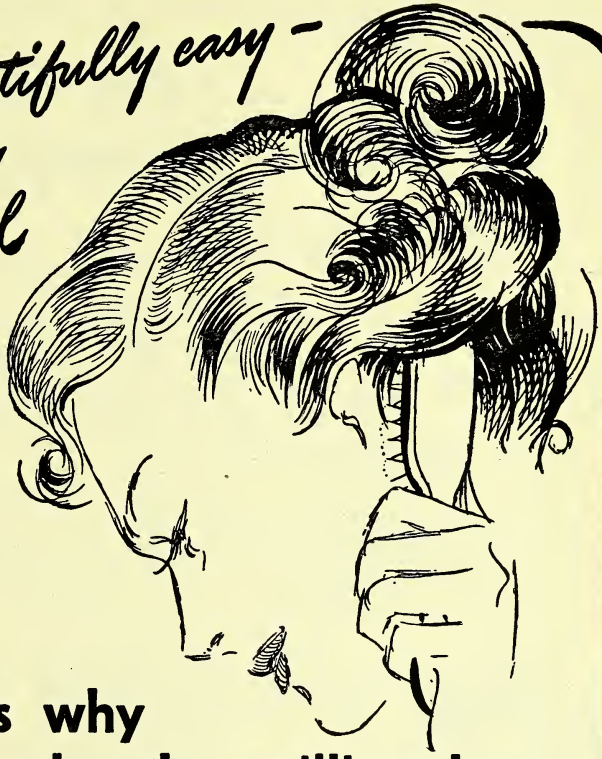
Showcards available *further particulars from*

EDME LTD., IMPERIAL HOUSE, REGENT STREET, W.1

Telephone: REGent 5563-4 Grams: "EDME," Piccy, London Works: MISTLEY, ESSEX

☆

So beautifully easy — so easily beautiful



..that's why women by the million buy

BRYLFOAM

Yes, millions of women have proved for themselves the brilliant results they get with Brylfoam, the original cream shampoo. They know that Brylfoam reveals the true beauty of their hair and makes it radiantly clean; they know, too, that Brylfoam is so beautifully easy to use. That's why Brylfoam means ready sales and quick profits for *you*. Get your share of the brisk business Brylfoam brings. Help our bigger-than-ever advertising to do an even bigger job by linking up with window and counter displays. Keep up your stocks of Brylfoam—and keep up your profits!

THE ORIGINAL CREAM SHAMPOO

nty Per umery Co. Ltd., Stanmore, Middlesex *royds T20*

Dearborn

(1923) LTD.

MERCOLIZED WAX
. . . . *for nightly skin care*

PILENTA SOAP
. . . . *for the complexion*

SIPOLITE
. . . . *a powder depilatory*

CLYNOL BERRIES
. . . *a slimming preparation*

Supplies obtainable from our Distributors

POTTER & MOORE LIMITED

LAVENDER HOUSE, SEYMOUR ROAD, LEYTON, E.10

You'll get an ACTIVE RESPONSI from an 'ASPRO' DISPLAY

'ASPRO' displays are powerful puller because they act as vivid reminders to thou sands of 'ASPRO' users, and 'ASPRO' is bette known to the public, and means **more** to them than any other line of its kind. **'ASPRO displays give you a double advantage**— they increase your profit margin by qualifyin you for bonus and at the same time are, i themselves, making steady sales for you.

CONSTANT DEMAND SHIFTS 'ASPRO' QUICKLY

Keep good marginal stocks on hand

'ASPRO' BAGS—PRICES REDUCED. We are passing on to you the full benefit of the lower pr duction costs of paper bags :—**GREASEPROOF** (formerly 9/- per 1,000) **NOW** 6/- per 1,000. **2-OZ. WHIT** (formerly 6/6 per 1,000) **NOW** 5/- per 1,000. We suggest you take advantage of this opportunity by ordering no

P.A.T.A. Made by ASPRO LIMITED, Slough, Bucks ASPR

This bright 'HELP YOURSELF' OUTER is a real money-spinner!

Silvikrin Soapless Shampoo in this
king full-colour display outer does a quick-fire selling job for you. Containing 3
zen 6d cartons, packed so that customers can help themselves, it saves you work
d speeds up sales. *Silvikrin Soapless Shampoo sales are growing faster than those of
other shampoo!* Put the bright 'help-yourself' outer on your counter today and
rt *doubling* your sales!

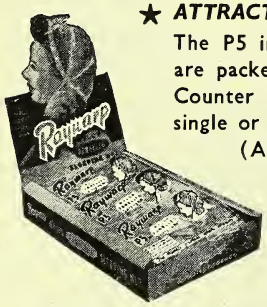
Silvikrin *Soapless Shampoo*

SILVIKRIN LABORATORIES LIMITED

Selling Agents: Prichard & Constance (Manufacturing) Limited, North Circular Road, London, N.W.10 ELGar 8095

★*Country-wide advertising for P5 brings National Demand!*

SELF-ADJUSTING—One size fits all hair styles.
IT HOLDS THE CURLS: the Elastic Panels keep them firmly in place.
NYLON FOR HARD WEAR: the P5 outlasts many ordinary Hairnets. It is beautifully soft and can be WASHED REPEATEDLY.



★ ***ATTRACTIVE DISPLAY***

The P5 in transparent envelopes, are packed one dozen in striking Counter Display Boxes in either single or assorted shades.
(Apple, Peach, Sky.)

Price to retail trade **25/-** per unit, plus tax
Price to public of P5, **3/11** including tax.
Wholesale only.

P5 NYLO
PANELLED
Sleeping N

RAYWARP TEXTILES LTD. **ALFRED ST. NORTH, NOTTINGH**

Here's REAL Trade News!

DYLON

THE NEW DYE FOR ALL FABRICS

offers you the biggest profit margin!

The success of this amazing new dye, DYLON, has been sensational. Here is why:

- **A unique formula makes DYLON the only dye for ALL fabrics including nylon, rayon, acetate, plastic.**
- **Moisture-proof aluminium pack ensures perfect freshness—no deterioration.**
- **In self-service counter-display units, 36 shades. Retail price 6d. and 9d.**
- **Extensively advertised.**
- **Certified by Good Housekeeping Institute.**
- **Fully supported by the unique Remover, DYGON: Retails at 6d. and 1/9d.**

MAYBORN PRODUCTS LTD.
Dylon Works, Berryman's Lane, LONDON, S.E.26

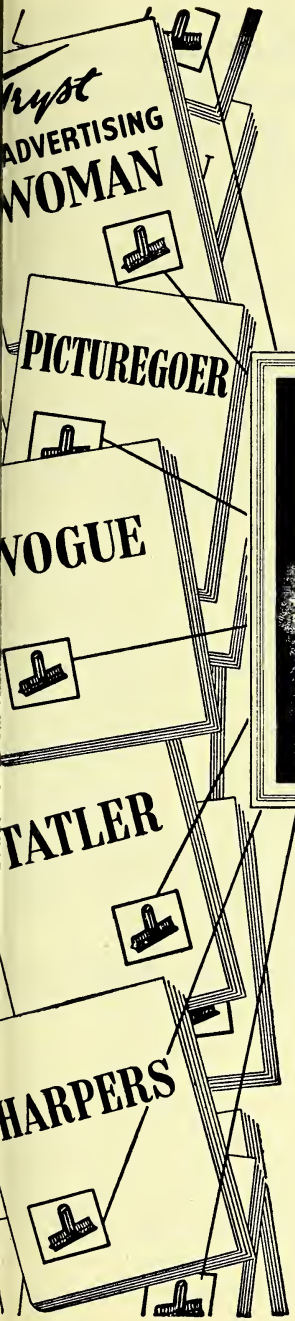
ALWAYS IN DEMAND

Beaulah's

MALTED MILK

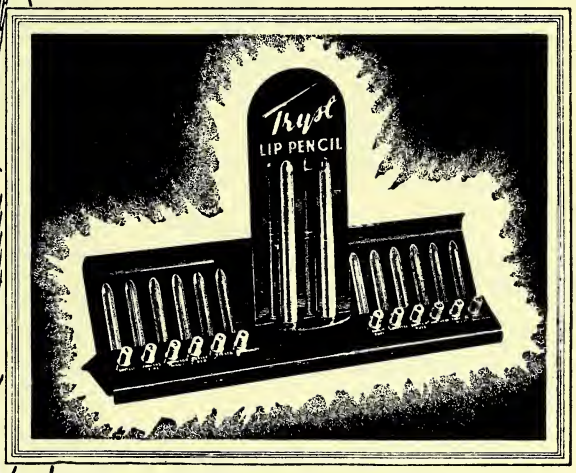
PACKED IN ONE POPULAR SIZE
2/6

J. & J. BEAULAH LTD.
BOSTON, LINCS.



working for you

on your shop counter to sell TRYST Lip Pencils with the 'Easychange' Refills to your customers who will be eager to try and buy after testing the twelve actual Lipsticks in the hygienic tester.



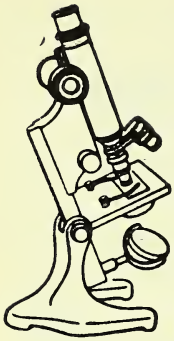
Throughout 1950, millions of women—your customers—will be reading in their magazines the TRYST advertisements, in each of which this Free Tester is featured urging them to try TRYST for themselves at their local chemist—your shop. Stock TRYST—Display TRYST—SELLS ON TEST. Our Salesman will tell you about our generous bonus offer which applies to all TRYST Cosmetics.

COLOUR VIEW LIPSTICK 5/9 . . REFILL 3/-
GOLDEN STANDARD LIPSTICK 4/9 . . REFILL 2/6
FACE POWDER 3/4 *ALL INC. TAX*

Tryst

PROPELLING LIP PENCIL 4/9
with the
'EASYCHANGE'
REFILL . . . 2/6

TRYST COSMETICS LTD.
CARLISLE ROAD, LONDON, N.W.9



CONSTANT RESEARCH

Research, Standardisation, Activity, Purity — these important factors have built up the high reputation of "Oxoid" Medical Preparations.

EXPRESS DELIVERY

Your orders, by letter, telephone or telegram are dealt with immediately and goods reach you in the shortest possible time.

Among the many "Oxoid" Medical Preparations are: Liver Extract, Hormones, Vitamins, etc.

OXO LIMITED

Medical Dept. THAMES HOUSE, QUEEN ST. PLACE
LONDON, E.C.4

Telephone: CENtral 9781

Recommend to your customers

Ralgex BRAND

ANALGESIC — RESOLVENT
COUNTER-IRRITANT

SOLID EMBROCATION

for
RHEUMATIC and MUSCULAR PAIN
NEURALGIA and HEADACHES
BRONCHITIS, CATARRH and LARYNGITI

Handy, clean, practical and efficacious. Prescribed by doctors and regularly advertised in medical and nursing journals.
Packed in artistic counter-display outers containing 1 doz. — a great aid to individual sales.

Write for trade terms, samples & literature.

PHARMAX LIMITED

The Organ Works, Old Hill, Chislehurst, Kent.

GENUINE & GUARANTEED MOTH LARVAECI

In Solution, per 1-gal. Tins @ 22/6d. g
" " " 40-gal. Drums @ 21/-.
In Crystals, per 7-lb. parcel @ 1/6d. lb
" " " 28-lb. parcel @ 1/5d.
" " " Cwt. drum @ 1/3d.
All Drums returnable. Paid Home.

CHEMICAL MNFG. LABORATORY LT
Duke Street, Tavistock, Devon

SHOWCARDS **CARTONS & BOXES** DISPLAYS
PRINTED OR PLAIN
OF EVERY KIND, FOR EVERY PURPOSE
CARTON BOX & PRINTING Co. LTD
BRINKSWAY, STOCKPORT
PHONE: STO. 4700
TRANSPARENT BOXES

RECOMMEND
S.D.2
with confidence

PENETRATES and REBUILDS DAMAGED TISSUE in SKIN ILLNESSES

Remarkable for the Treatment of Burns Spots, Rashes, etc.

BIO-COLLOIDS LTD., Altrincham, Cheshire
BC35

FIRST AID

or your customers...

Alka-Seltzer

and for you—

BIGGER SALES
EXTRA PROFIT

For colds, headaches, indigestion and muscular soreness you can *confidently* recommend Alka-Seltzer. Its double-action quickly soothes aches and pains, then neutralises excess gastric acid, so often the cause of the trouble.

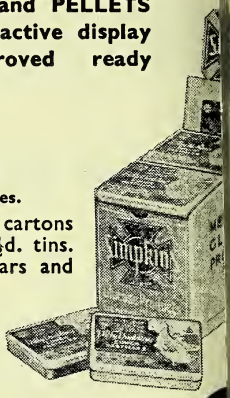
Write for trade price list and details of display discounts to
Don S. Momand Ltd., 57 Albany Street, London, N.W.1. *Sole Distributors for* Miles Laboratories Limited, Bridgend, S. Wales.

Guarantee TO THE TRADE

ka-Seltzer is sold with a guarantee of satisfaction every purchaser. You are authorised to refund thout question the full retail price to any dis-isfied customer returning the used or partly ed bottle. Send us the bottle and we will credit ur account with the FULL RETAIL PRICE us postage — you don't lose your profit on the le. This offer applies only to the first purchase ade by any of your customers.

Simpkins make sure of QUICK SALES

Two most popular lines of PASTILLES and PELLETS in very attractive display cartons, proved ready sellers.



DILLY DUCKLING
Children's Cough Pastilles.
Available in display cartons containing 1 dozen 1/4½d. tins. Also in 2-lb. display jars and 4-lb. decorated tins.

SIMPKINS PELLETS
Four varieties:—Blackcurrant and Liquorice. Liquorice and Menthol. Peppermint and Liquorice. Linseed Liquorice and Aniseed.
In cartons of 2-dozen 8½d. tins.

A. L. SIMPKIN & CO. LTD. Pharmaceutical Laboratories, SHEFFIE

EST. 1908

YOUR KIND ATTENTION PLEA

Our ever increasing advertising is creating the demand all Chemists are not reaping the benefit. PLEASE AD YOUR ASSISTANTS THAT CURACHO EMBROCAT IS AVAILABLE FROM YOUR WHOLESA OR DIRECT—this will therefore help to stop Public sending orders to us.

Stock this spirit embrocation for your customers, it is oil-less, stainless and non greasy and has a pleasant and refreshing odour.

Retail prices: 3 oz. **2/3** 6 oz. **3/9** P.A.T

Also Veterinary Grade supplied

The CurAcho (CURE-ACHE-O) Compa

10 Dingwall Road, East Croydon, Su

This year, Tonrinz advertising is being concentrated in the Radio Times — the shop ow for 8,000,000 families. The four reasons above should convince you that there is going a new and lively interest in Tonrinz; and in other Hair Beauty products by Camilatone. t under-estimate the value of this unique um. Be prepared for the demand — look to stocks, now.

Member of the Audit Bureau of Circulations.

Display the goods advertised in the

RADIO TIMES

rtisement Department, B.B.C. Publications, Broadcasting House, Portland Place, London, W.1.

Build a profitable £10 parcel round 'ANADIN'

'Anadin' always shows a quick turnover in the spring . . . when the weather's so changeable and chills abound. Make sure your stocks are adequate. Display this full-colour card for quick, profitable sales.

ALL I.C.C. LINES QUALIFY FOR THE FULL CO-OPERATION DISCOUNTS
£10 AND OVER 12½%
£5 AND OVER 10%

PICK YOUR £10 PARCEL FROM THESE PRODUCTS

ANADIN · ANNE FRENCH · BiSoDoL · BISURATED MAGNESIA · FREEZONE
KOLYNOS PREPARATIONS · LYSTONE SALTS · PINEATE · REUDEL BATH SALTS

INTERNATIONAL CHEMICAL COMPANY LIMITED

★

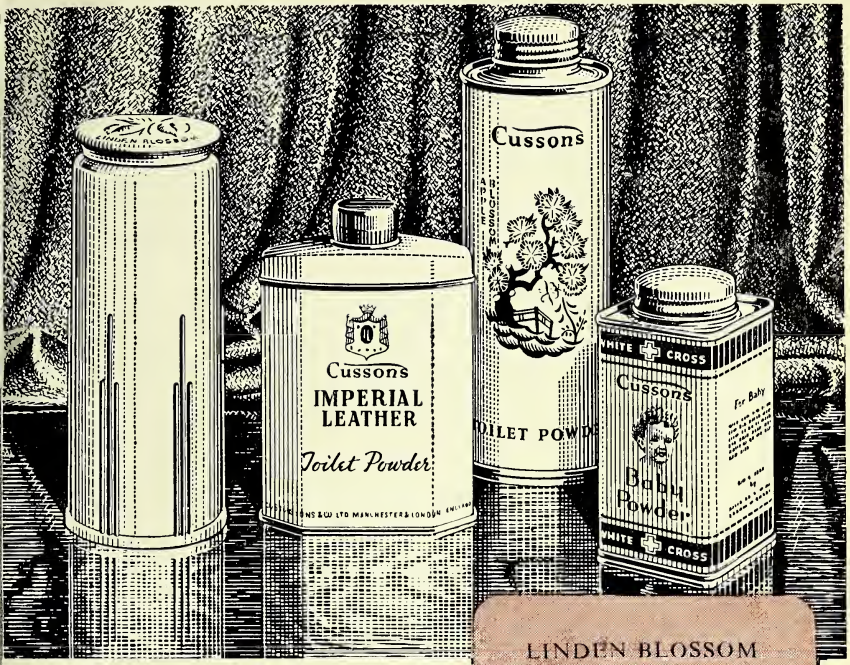
YOUR SELLING PRICE	=	**£13 6s. 8d.**
YOUR OUTLAY £10 LESS 12½%	=	**£8 15s. 0d.**
YOUR PROFIT	=	**£4 11s. 8d.**

ANADIN

TRADE MARK

The International Chemical Co. Ltd., Chenies Street, London, W.C.

Printed by The Haycock Press, Ltd., 106-140 Neate Street, Camberwell, S.E.5, and Published by the Proprietors, Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2.



LINDEN BLOSSOM
IMPERIAL LEATHER
APPLE BLOSSOM

TALCUM POWDERS

BY

Cussons

and WHITE CROSS
BABY POWDER

The value of
DISTINCTION

Feature Cussons products in all your displays, and the value of their distinction will be obvious to you. Presented in accord with their quality, and advertised in accord with their popularity, they provide an opportunity to build both sales and goodwill.

CUSSONS SONS & CO. LTD

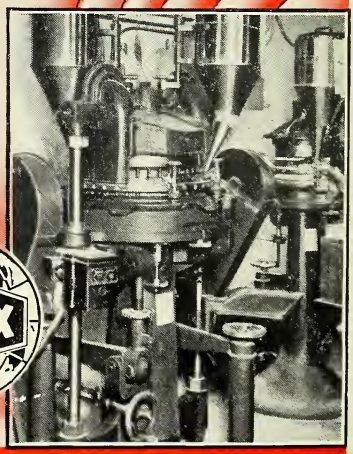
84 BROOK ST, GROSVENOR SQ, LONDON W.1

The CHEMIST AND DRUGGIST
MAY 6, 1950

PRIVATE FORMULAS.
CONSULT
COX OF BRIGHTON

An organisation that offers a combination of outstanding

MANUFACTURING AND PACKAGING FACILITIES



COX

ARTHUR H. COX & Co. Ltd
BRIGHTON - SUSSEX

APRIL2013

24ColorCard CameraCraft.com

RIGHT

彩
照

姓名：
Name

职务：
Post

单位：
Unit

No:

Date:

002

装得快 文具